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Professional Information

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Accessibility, codes, cultural facilities, daylighting, educational facilities, elderly design, energy, environment, fire protection, health care facilities, history/theory, housing, industrial facilities, justice facilities, offices/office buildings, presentations, preservation and restoration, recreational facilities, religious buildings, restaurants and hotels, retail buildings, security, seismic, transportation facilities, women and minorities in architecture

7 Allied Disciplines

Engineering, environmental psychology, graphic design, industrial design, interior design, landscape architecture, photography, planning, urban design

9 Practice

Computers, construction management, design and planning education, facility management, law, marketing, practice management, project management, registration, specifications

11 Technics

Building science, indoor air quality, materials and standards, sitework, concrete, masonry, metals, wood and plastics, thermal and moisture protection, doors and windows, finishes, furnishings, conveying systems, mechanical, electrical

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A note on publishers of listed references:

- If the reference has been published by an association, the acronym of the association follows the title;
- If the reference has been published by a publisher mentioned only once, the publisher's address and phone number are listed with the reference;
- If the reference has been published by a publisher mentioned more than once in this issue, the name and phone number of the publisher appear in the Reference and Recognition section under the Book Publishers.

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Design

Accessibility, codes, cultural facilities, daylighting, educational facilities, elderly design, energy, environment, fire protection, health care facilities, history/theory, housing, industrial facilities, justice facilities, offices/office buildings, presentations, preservation, recreational facilities, religious buildings, restaurants and retail buildings, security, seismic, transportation facilities, women and minorities in architecture

ACCESSIBILITY

(see also *Elderly Design*)

Associations

American National Standards Institute (ANSI)

(see Material Standards, Technics)

Architectural and Transportation Barriers

Compliance Board (ATBCB)

1111 18th St. NW, Suite 501

Washington D.C. 20036-3894

(202) 653-7848

National Council on Disability (NCD)

(see Housing)

800 Independence Ave. SW, Suite 814

Washington D.C. 20591

(202) 267-3846

Paralyzed Veterans of America, Barrier-Free

Design Program (PVA/BFDP)

801 18th St. NW

Washington, D.C. 20006

(202) 872-1300, ext. 645

Institute for Technology Development (ITD)

Advanced Living Systems Division

428 North Lamar Boulevard

Oxford, MS 38655

(601) 234-0158

References

ABLE DATA Database, Newtonton Children's

Hospital, (800) 344-5405

Barrier Free Design: The Law, Eastern Paralyzed

Veterans Association, Jackson Heights, NY,

(718) 803-3782.

Access for Handicapped: The Barrier Free Regulations

for Design and Construction in all 50 States, P.

Hopf and J. Raebon. Van Nostrand Reinhold,

1984.

Access Improvements Workbook, Office of

Handicapped Affairs, (617) 725-3682, Boston,

1988.

The Accessibility Book: A Building Code Summary

and Product Directory, J. Quarve-Peterson, 1989

The Accessible Housing Design File, Barrier Free

Environments. Van Nostrand Reinhold, 1991.

Design For Access, Office of Handicapped Affairs.

Boston, (617) 725-3682, 1988.

Enabling Products: A Source Book, (see ITD

above): 1990.

Housing Interiors for the Disabled and Elderly,

B. Boetticher Raschko. Van Nostrand

Reinhold, 1982.

Rethinking Architecture: Design Students and

Physically Disabled People, R. Lifchez. University

of California Press, 1987.

Sports and Recreation Provision For Disabled People,

N. Thompson. Butterworth, 1984.

Uniform Federal Accessibility Standards, (see

ATBCB above).

Windows, W. Woods. (see ATBCB above): 1983.

CODES

Associations

AIA Building Performance and Regulations

Committee (AIA/BPRC)

1735 New York Ave. NW

Washington D.C. 20006

(202) 626-7448

Building Officials and Code Administrators

International (BOCA)

4051 West Fossmoor Rd.

Country Club Hills, IL 60478

(708) 931-4533

Council of American Building Officials (CABO)

5203 Leesburg Pike, Suite 708

Falls Church, VA 22041

(703) 931-4533

International Conference of Building Officials

(ICBO)

5360 South Workmen Mill Rd.

Whittier, CA 90601

(213) 699-0541

National Conference of States on Building Codes

and Standards (NCSBCS)

505 Huntmar Park Dr., Suite 210

Herndon, VA 22070

(703) 437-0100

National Institute of Building Sciences (NIBS)

120 L Street NW, Suite 400

Washington D.C. 20005

(202) 289-7800

Southern Building Code Congress International

(SBCC)

900 Montclair Rd.

Birmingham, AL 35213

(205) 591-1853

References

The American National Standard for Buildings and

Facilities: Providing Accessibility and Usability for

Physically Handicapped People, (see CABO above).

An Architect's Guide to Building Codes and

Standards, (see AIA/BPRC above).

Building Sciences, (see NIBS above): monthly.

Building Standards, (see ICBO above):

bimonthly.

CABO One and Two Family Dwelling Code,

(see CABO above).

CABO Model Energy Code, (see CABO above,

(216) 721-7373).

Code News, (Banks-Baldwin Law Publishing,

Cleveland, OH): bimonthly.

Construction Regulations Manual, Liebing, Wiley,

1987.

Design Guide to the Uniform Building Code, (GRDA

Publications), 1988 and 1989 supplements.

Directory of State Building Codes and Regulations,

(see NCSBCS above).

List of Building Codes and Standards Publications,

(see AIA/BPRC above): 1985.

National Building Code, (see BOCA above).

Southern Building Code, (see SBCC above).

Underwriters Laboratories Directories, (see Material

Standards, Technics).

Uniform Codes and Standards, (see ICBO above).

CULTURAL FACILITIES

Associations

American Association of Museums (AAM)

1225 Eye St. NW, Suite 200

Washington D.C. 20005

(202) 289-1818

League of Historic American Theaters (LHAT)

1511 K St. NW, Suite 923

Washington D.C. 20005

(202) 783-6966

National Endowment for the Arts

1100 Pennsylvania NW

Washington D.C. 20506

(202) 682-5400

U.S. Institute for Theater Technology (USITT)

10 W. 19th St., Suite 5A

New York, NY 10011

(212) 924-9088

References

American Picture Palaces: The Architecture of Fancy,

D. Naylor. Van Nostrand Reinhold, 1981.

Auditoria: Designing for the Performing Arts,

M. Forsyth. Van Nostrand Reinhold, 1987.

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Western States, 1989.

Building the New Museum, S. Stephens. Princeton

Architectural Press, 1986.

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Centers, Department of the Army, OCE

Publications, Alexandria, Virginia, 1976, 1982.

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Chapman Hall, 1989.

Great American Movie Theaters, D. Naylor. The

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1990.

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Butterworth, 1989.

New Museums, J. Montaner. Princeton

Architectural Press, 1990.

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Twentieth Century, J. Coolidge. U. of Texas

Press, 1989.

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1988.

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Boher. Acoustical Society of America, 1987.

Space for Dance: An Architectural Guide for Dance

and Performing Arts Facilities, (see NEA above):

1985.

DAYLIGHTING

Associations

Daylighting Network of North America (DNNA)

c/o Dr. Moji Navaab

Dept. of Architecture and Urban Planning

University of Michigan

2000 Bonisteel Blvd.

Ann Arbor, MI 48109-2069

(313) 936-0228

Illuminating Engineering Society of North

America (IES)

(see Lighting)

Lawrence Berkeley Laboratories Windows and

Lighting Program (LBL/WLP)

1 Cyclotron Rd.

Building 90, Room 3111

Berkeley, CA 94720

(415) 486-6847

References

Atrium Buildings, R. Saxon. Van Nostrand

Reinhold, 1988.

Concepts and Practice of Architectural Daylighting,

F. Moore. Van Nostrand Reinhold, 1985.

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1966.

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Proceedings and Technical Bulletins, (see DNNA

above): 1987, 1989, 1991.

"*New Strides in Daylight*," P/A, Feb 1989.

Recommended Practice of Daylighting, IES

Daylighting Committee. (see IES above), 1978.

EDUCATIONAL FACILITIES

Associations

AIA Committee on Architecture for Education

(AIA/CAE)

1735 New York Ave. NW

Washington D.C. 20006

(202) 626-7589

American Library Association (ALA)

50 East Huron St.

Chicago, IL 60611

(312) 944-6780

Association of University Architects (AUA)

c/o Arthur Tuttle

Dir. Architectural and Engineering Services

University of Oklahoma

1652 Cross Center Dr.

Norman, OK 73019

(405) 325-6006

Council of Educational Facility Planners (CEFP)

941 Chatham Ln., Suite 217

Columbus, OH 43221

(614) 442-1811

Educational Facilities Laboratories (EFL)

680 Fifth Ave.

New York, NY 10019

(212) 397-0040

References

Campus: An American Planning Tradition,

P. Turner. MIT Press, 1984.

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Educational Facility Planner, (see CEFP above):

bimonthly.

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Scarecrow, 1989.

School Planning and Design, (see CEFP above):

1990.

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ELDERLY DESIGN

(see also *Accessibility, Health Care*)

Associations

AIA Design for Aging Subcommittee (AIA/DAS)

1735 New York Ave NW

Washington, D.C. 20006

(202) 626-7429

American Association of Homes for the Aging

(AAHA)

901 E St NW, Suite 500

Washington, D.C. 20004-2837

(202) 296-5960

References

Aging in the Designed Environment,

M. Christenson. Hayworth Press, 1990.

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Seniors Housing: A Development and Management Handbook, NAHB (see Housing), 1987.

Assistance provided by AAHA

ENERGY

(alternative energy sources, conservation and efficiency for energy consumption)

Associations

American Solar Energy Society

2400 Central Ave, Suite B-1
Boulder, CO 80301
(303) 443-3130

American Wind Energy Association

777 North Capitol St. NE, Suite 805
Washington, DC 20002
(202) 408-8988

Department of Energy, Building Systems Division (DOE/BSD)

1000 Independence Ave. SW
Washington, D.C. 20585
(202) 586-5575

Energy Efficient Buildings Association (EEBA)

c/o Howard Faulkner
U. of Southern Maine, Dept. of Technology
37 College Ave.
Gorham, ME 04038
(207) 780-5143

International Project for Sustainable Energy Paths (IPSEP)

7627 Leviston Ave
El Cerrito, Ca 94530
(415) 525-4446

National Appropriate Technology Assistance Service (NATAS)

P.O. Box 2525
Butte, MT 59702
(800) 428-2525

National Institute of Building Sciences (NIBS) (see Codes)

Northeast Sustainable Energy Association (NSEA)

23 Ames St.
Greenfield, MA 01301
(413) 774-6051

Solar Energy Research Institute (SERI)

1617 Cole Blvd.
Golden, CO 80401
(303) 231-1000

Office of Scientific and Technical Information

Oak Ridge National Laboratory
PO Box 62
Oak Ridge, TN 37831-6285
(615) 576-8401

References

Construction Materials: Types, Uses, and Applications, John Wiley and Sons, 1991.
Energy Design Update, (Cutter Information Corp, Arlington, MA, (617) 648-8700).
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Resource Efficient Housing: An Annotated Wind Energy: How to Use It, P. Stackpole Books, 1983.

ENVIRONMENT

(environmental protection, philosophy, architecture and systems integration)

Associations

Architects Designers Planners for Social Responsibility (ADPSR)

Eos Institute
1550 Bayside Dr
Corona Del Mar, CA 92625
(714) 644-7111

Center for Resourceful Building Technology (CRBT)

P.O. Box 3413
Missoula, MT 59806

(406) 549-76-78

Farallones Institute

55 C Gate Five Rd
Sausalito, CA 94965
(415) 332-5806

Rocky Mountain Institute (RMI)

1739 Snowmass Creek Road,
Snowmass, CO 81654-9199
(303) 927-3128

Trust for the Future

2704 Twelfth Ave, South
Nashville, TN 3724
(615) 297-2269

Underground Space Center, University of Minnesota (USC/UMN)

500 Pillsbury Drive SE, Room 790
Minneapolis, MN 55435
(612) 624-0066

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Resource Efficient Housing: An Annotated Bibliography and Directory of Helpful Organizations, R. Sardinsky, Rocky Mountain Institute, 1991.

FIRE PROTECTION

(see also Codes)

Associations

Center for Building & Fire Research Laboratory National Institute of Standards and Technology (NIST)

Bldg. 226, Room B216
Gaithersburg, MD 20899
(301) 975-6850

Factory Mutual Engineering and Research Corporation (FMERC)

1151 Boston-Providence Tpk.
Norwood, MA 02062
(617) 762-4300

National Fire Lab (NFL)

Institute for Research in Construction
National Research Council of Canada
Ottawa, ONT, K1A 0R6 Canada
(613) 993-2204

National Fire Protection Association (NFPA)

P.O. Box 9101
Batterymarch Park
Quincy, MA 02269
(617) 770-3000

National Forest Products Association

(see Wood)

Underwriters Laboratories

(see Material Standards)

References

Code Conforming Wood Design, National Forest Products Assoc., 1988.

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Fire Safety in Tall Buildings, Council on Tall Buildings Committee 8A, McGraw-Hill, 1992.

Life Safety Code Handbook, (see NFPA above): 1985.

HEALTH CARE FACILITIES

(see also Elderly Design)

Associations

AIA Architecture for Health Committee (AIA/CAH)

1735 New York Ave NW
Washington, D.C. 20006
(202) 626-7366

American Hospital Association (AHA)

840 North Lake Shore Dr.
Chicago, IL 60611
(312) 280-6000

Forum for Health Care Planning (FHCP)

1101 Connecticut Ave NW, Suite 700
Washington, D.C. 20036
(202) 857-1162

U.S. Department of Health and Human Services/Division of Health Facilities Planning (HHS/DHFP)

5600 Fishers Lane, Room 17A10
Parklawn Bldg.
Rockville, MD 20857
(301) 443-2265

U.S. Veterans Administration Architectural Service

810 Vermont Ave. NW
Washington, D.C. 20420
(202) 233-2688

References

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HISTORY/THEORY

Series

(For addresses of book publishers see p.16)

Abrams: *History of World Architecture*.

Braziller: *Great Ages of World Architecture, Makers of Contemporary Architecture, Masters of World Architecture, New Directions in Architecture, Planning and Cities*.

Dover: *Historical Reprints*.

The Foundation for Classical Reprints: *Masterpieces of World Architecture Library*.

Garland: *Architectural Archives*.

MIT Press: *Architectural History Foundation Monographs*.

Oxford University Press: *American Architects and Their Buildings*.

Penguin: *Pelican Histories of Art*.

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Greek

The Aeolic Style in Architecture: A Survey of its Development in Palestine, the Halikarnassos, and Greece, 1000-50 B.C., P. Betancourt. Princeton Architectural Press, 1977.

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Roman

- The Architecture of the Roman Empire: An Introductory Study*, W. McDonald. Yale University Press, 1986.
- The Architecture of the Roman Empire: An Urban Appraisal*, W. MacDonald. Yale University Press, 1988.
- Etruscan and Early Roman Architecture*, A. Boethius. Penguin, 1979.
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HOUSING

Associations

AIA Housing Committee (AIA/HC)

1735 New York Ave. NW
 Washington, D.C. 20006
 (202) 626-7440

American Association of Housing Educators (AAHE)

c/o Dr. Paul Woods
 Dept. of Construction Science
 Texas A & M University
 College Station, TX 77843-3137
 (409) 845-1017

American Society of Home Inspectors (ASHI)

1735 N. Lynn St.
 Arlington, VA 22209-2022
 (202) 842-3096

Canadian Home Builders (CHBA)

200 Elgin St., Suite 502
 Ottawa, ONT K2P 1L5, Canada
 (613) 230-3060

Department of Housing and Urban Development (HUD)

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 Washington, D.C. 20410
 (202) 708-1422

National Association of Home Builders (NAHB)

15th & M Sts. NW
 Washington, D.C. 20410
 (202) 822-0254

National Association of Home Builders Research Center (NAHB/RC)

400 Prince Georges Blvd.
 Upper Marlboro, MD 20772-8713
 (301) 249-4000

National Association of Housing and Redevelopment Officials (NAHRO)

1320 18th St. NW
 Washington, D.C. 20036
 (202) 429-2960

National Housing Conference (NHC)

1126 16th St. NW, Suite 211
 Washington, D.C. 20036
 (202) 223-4844

National Housing and Rehabilitation Association (NHRA)

1726 18th St. NW
 Washington, D.C. 20009
 (202) 328-9171

Small Homes Council/Building Research Council (SMC/BRC)

University of Illinois at Urbana/Champaign
 One East St. Mary's Rd.
 Champaign, IL 61820
 (217) 333-1801

Quality Building Council (QBC)

P.O. Box 541, 14 Green St.
 Brattleboro, VT 05301
 (413) 774-6051

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INDUSTRIAL FACILITIES

Associations

American Institute of Plant Engineers (AIPE)

3975 Erie Ave.
 Cincinnati, OH 45208
 (513) 561-6000

Industrial Development Research Council (IDRC)

40 Technology Park
 Norcross, GA 30092
 (404) 446-6996

National Association of Industrial and Office Parks (NAIOP)

1215 Jefferson Davis Highway, Suite 100
 Arlington, VA 22202
 (703) 979-3400

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JUSTICE FACILITIES

Associations

American Correctional Association (ACA)

8025 Laurel Lake Court
 Laurel, MD 20707
 (301) 206-5100

American Jail Association (AJA)

1000 Day Rd., Suite 100
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Federal Bureau of Prisons, Facilities Development Division (FBP/FDD)

320 First St. NW, Room 254
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 (202) 514-6460

National Criminal Justice Reference Service (NCJRS)

P.O. Box 6000
 Rockville, MD 20850
 (800) 851-3420

National Institute of Corrections, U.S. Dept. of Justice (NIC/USDJ)

1790 30th St.
 Boulder, CO 80301
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Small Jail Design Guide: A Planning and Design Resource, (see NIC above), 1988.

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OFFICES/OFFICE BUILDINGS

Associations

Buildings Owners and Managers Association International

(see Facility Management)

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(see Furniture)

Council on Tall Buildings and Urban Habitat (CTBUH)

Building 13, Lehigh University

Bethlehem, PA 18015

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Intelligent Buildings Institute (IBI)

2101 L St. NW, Suite 300

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Office Planners and Users Group (OPUG)

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Philadelphia, PA 19136

(215) 335-9400

Office Systems Research Association (OSRA)

c/o John Stallard

501 Grise Hall, College of Business

Western Kentucky University

Bowling Green, KY 42101

(502) 745-0111

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PRESENTATIONS

(see also Computers)

Associations

American Engineering Model Society (AEMS)

1 Walnut St.

Boston, MA 02108

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American Design Drafting Association

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Rockville, MD 20848-0799

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American Society of Architectural Perspectivists (ASAP)

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PRESERVATION AND RESTORATION

Associations

AIA Committee on Historic Resources (AIA/CHR)

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National Trust for Historic Preservation (NTHP)
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Washington, D.C. 20036
(202) 673-4000

National Trust for Historic Preservation Library
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(301) 454-3979

Office of Park Historic Architecture/National Park Service (OPHA/NPS)

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P.O. Box 37127
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(202) 343-8146

Preservation Action
1350 Connecticut Ave. NW, Suite 401
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RECREATIONAL FACILITIES

Associations

National Recreation and Park Association (NRPA)
3101 Park Center Dr., 12th Fl.
Alexandria, VA 22302
(703) 820-4940

References

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RELIGIOUS BUILDINGS

Associations

Interfaith Forum on Religion, Art, and Architecture (IFRAA)
1777 Church St. NW
Washington, D.C. 20036
(202) 387-8333

References

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RESTAURANTS AND HOTELS

Associations

American Hotel and Motel Association (AHMA)
1201 New York Ave. NW, Suite 600
Washington, D.C. 20005-3931
(202) 289-3100

National Restaurant Association (NRA)
1200 17th St. NW
Washington, D.C. 20036
(202) 331-5900

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SECURITY

Associations

AIA Architecture for Justice Committee
(see Justice Facilities)

American Society for Industrial Security (ASIS)

1655 N. Fort Meyer Dr., Suite 1200
Arlington, VA 22209
(703) 522-5800

National Burglar and Fire Alarm Association (NBFAA)

7101 Wisconsin Ave., Suite 1390
Bethesda, MD 20814
(301) 907-3202

Security Industry Association (SIA)
1255 23rd St. NW
Washington, D.C. 20037
(202) 466-7420

References

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SEISMIC

Associations

Earthquake Engineering Research Center (EERC)
University of California at Berkeley
1301 South 46th St.
Richmond, CA 94804
(415) 231-9554

Earthquake Engineering Research Institute (EERI)
499 14th St., Suite 320
Oakland, CA 94612-1902
(415) 451-0905

National Center for Earthquake Engineering Research (NCEER)
State University of New York at Buffalo
Red Jacket Quadrangle
Buffalo, NY 14261
(716) 636-3391

Seismological Society of America (SSA)
El Cerrito Plaza Professional Bldg., Suite 201
El Cerrito, CA 94530
(415) 525-5474

University of Michigan Earthquake Testing Lab (UMI/ETL)
c/o James Wight
2340 GG Brown Bldg.
Department of Civil Engineering
Ann Arbor, MI 48109-2125
(313) 764-8495

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TRANSPORTATION FACILITIES

Associations

American Public Transit Association (APTA)
1201 New York Ave. NW, Suite 400

Washington, D.C. 20005
(202) 898-4000
American Road and Transportation Builders Association (ARTBA)
501 School St. SW
Washington, D.C. 20024
(202) 488-2722
Eno Foundation for Transportation (EFT)
P.O. Box 2055
270 Saugatuck Ave.
Westport, CT 06880
(203) 227-4852
Federal Aviation Administration (FAA)
800 Independence Ave. SW
Washington, D.C. 20591
(202) 267-3111
Federal Railroad Administration (FRA)
400 7th St. SW
Washington, D.C. 20590
(202) 366-0881
Institute of Transportation Engineers (ITE)
525 School St. SW, Suite 410
Washington, D.C. 20024
(202) 554-8050
National Parking Association (NPA)
1112 16th St. NW, Suite 300
Washington, D.C. 20036
(202) 296-4336
Transportation Research Board (TRB)
2101 Constitution Ave. NW
Washington, D.C. 20418
(202) 334-2934

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WOMEN AND MINORITIES IN ARCHITECTURE

Associations

AIA Minority Resources Committee
1735 New York Ave., N.W.
Washington, D.C. 20006
(202) 626-7539
AIA Women In Architecture Program (AIA/WIA)
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Washington, DC 20006
(202) 626-7305
Association for Women in Architecture (AWIA)
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820 East Third Street
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Jan Muntz
(818) 796-4543
(213) 625-1734
California Women in Environmental Design (CaWED)
c/o Margot Siegel, AIA
Siegal Diamond Architects
10780 Santa Monica Blvd., Ste. 200
Los Angeles, CA 90025
(213) 474-3244

Collaboration of Women in Architecture (C-WIA)

c/o Nan Josephson
Frewen Architects
115 East Gregory Blvd.
Kansas City, MO 64114
(816) 444-2955
Howard University Women in Architecture and Planning (HUWIAP)
c/o Kathryn Tyler Pigmore
Howard University
School of Architecture and Planning
Washington, DC 20059
(202) 806-7486
National Organization of Minority Architects (NOMA)
c/o William Stanley
Stanley Love Stanley
120 Ralph McGill Blvd., # 815
Atlanta, GA 30308
(404) 876-3055
Organization of Women Architects and Design Professionals (OWADP)
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San Francisco, CA 94126
(415) 644-2600
Union Internationale des Femmes Architectes (UIFA)
c/o Fani Hansen, AIA
P.O. Box 868
Tiburón, CA 94920
(415) 435-5767
Women's Architectural League (WAL)
c/o Maureen Vidler March
2422 Silver Ridge Avenue
Los Angeles, CA 90039
Women and Architecture Association (WAA)
c/o Sherry Ahrentzen
School of Architecture and Urban Planning
The University of Wisconsin Milwaukee
P.O. Box 413
Milwaukee, WI 53201
(414) 229-4014
Women In Design (WID)
Texas A&M University
Department of Architecture
College Station, TX 77843
(409) 845-1015

References

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The Black American Architect, 1892-1992: A Centennial Review, H. Robinson. 1992.
Women in American Architecture: A Historic and Contemporary Perspective, S. Torre, ed. Whitney Library of Design, 1977.

Allied Disciplines

Engineering, environmental psychology, graphic design, industrial design, interior design, landscape architecture, photography, planning, urban design

ENGINEERING

Associations

American Association of Engineering Societies (AAES)
1111 19th St. N.W., Suite 608
Washington, D.C. 20036-3690
(202) 296-2237
American Society of Civil Engineers (ASCE)
345 East 47th St
New York, NY 10017
(212) 705-7722
American Society of Mechanical Engineers (ASME)
345 East 47th St
New York, NY 10017
(212) 705-7722
Applied Technology Council (ATC)
Twin Dolphin Dr, Ste 270
Redwood City, CA 94065
(415) 595-1542
Association of Energy Engineers
(see Energy Conservation)
Engineering Information Center (EIC)
Engineering Societies Library (ESL)
345 East 47 St
New York, NY 10017
(212) 705-7600 (EIC)
(212) 705-7611 (ESL)
National Society of Architectural Engineering (NSAE)
PO Box 395
Lawrence, KN 66044
(913) 843-7000

References

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ASCE News, (see ASCE above): monthly.
ASHRE Journal (see Division 7, Technics): monthly.
ASME News, (see ASME above): monthly.
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ENR, (McGraw-Hill): weekly.
The Engineering Index, (EIC): annual.
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Irrigation and Drainage Engineering, (see ASCE above): bimonthly.
Journal of Construction Engineering and Management, (see ASCE above): quarterly.
Journal of Solar Energy Engineering, (see ASME above): quarterly.
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Structural Engineering, (see ASCE above): monthly.
Transactions Journal, (see ASME above): quarterly.
Water Resources Planning and Management, (see ASCE above): bimonthly.

ENVIRONMENTAL PSYCHOLOGY

Associations

Environmental Design Research Association (EDRA)
PO Box 24083
Oklahoma City, OK 73124
(405) 843-4863
Human Factors Society (HFS)
(see Industrial Design)

References

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Work Places: The Psychology of the Physical Environment in Offices and Factories, E. Sundstrom. Cambridge University Press, 1986.

GRAPHIC DESIGN

Associations

American Center for Design (ACD)
233 E. Ontario Ste 500
Chicago, IL 60611
(312) 787-2018
American Institute of Graphic Arts (AIGA)
1059 Third Ave
New York, NY 10021
(212) 752-0813
International Graphic Arts Education Association (IGAEA)
4615 Forbes Ave
Pittsburgh, PA 15213
(412) 682-5170
Society of Environmental Graphic Designers (SEGD)

47 Third St.
Cambridge, MA 02141
(617) 577-8225

References

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Journal of American Institute of Graphic Arts, (see AIGA, above): quarterly.
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Statements, (see ACD above): quarterly.
Visual Communications, (see IGAEA above): annual.

INDUSTRIAL DESIGN

Associations

Industrial Designers Society of America (IDSA)

1142 E. Walker RD
Great Falls, VA 22066
(703) 759-0100

Human Factors Society

P.O. Box 1369
Santa Monica, CA 90406
(213) 394-1811

References

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INTERIOR DESIGN

Associations

AIA Interiors Committee (AIA/IC)

1735 New York Ave, NW
Washington, DC 20006
(202) 626-7589

American Society of Interior Designers (ASID)

608 Massachusetts Ave, NE
Washington, DC 20002
(202) 546-3480

Institute of Business Designers (IBD)

341 Merchandise Mart
Chicago, IL 60654

(312) 467-1950

International Society of Interior Designers (ISID)

433 South Spring St, Ste 1014
Los Angeles, CA 90013
(213) 680-4240

References

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LANDSCAPE ARCHITECTURE

Associations

American Society of Golf Course Architects (ASGCA)

221 North LaSalle St
Chicago, IL 60601
(312) 372-7090

American Society of Landscape Architects (ASLA)

4401 Connecticut Ave, NW
Washington, DC 20008
(202) 686-2752

Canadian Society of Landscape Architects (CSLA)

PO Box 870, Station B
Ottawa, ONT K1P 5P9
(613) 232-6342

Concrete Paver Institute (CPI)

2302 Horse Pan Rd
Herndon, VA 22071-3406
(703) 713-1900

References

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PHOTOGRAPHY

Associations

Professional Photographers of America (PP of A)

1090 Executive Way
Des Plaines, IL 60018
(708) 299-8161

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PLANNING

Associations

American Institute of Certified Planners/American Planning Association (AICP/APA)

1776 Massachusetts Ave, NW Ste 704
Washington, DC 20036
(202) 872-0611

American Society of Consulting Planners (ASCP)

c/o Dennis P. Larkin
2000 Town Ctr, Ste 1390
Southfield, MI 48075
(313) 358-5080

Canadian Institute of Planners (CIP)

126 York St, Ste 404
Ottawa, ONT K1N 5T5
(613) 233-2105

Center for Design Planning (CDP)

1208 McKinley St
Albany, GA 31701
(912) 888-1606

Council of Planning Librarians (CPL)

1313 E 60th St
Chicago, IL 60637
(312) 947-2163

Downtown Research and Development Center (DRDC)

215 Park Ave South, Ste 1301
New York, NY 10003
(212) 228-0246

Environmental Design Research Association

(see Environmental Psychology)
Partners for Livable Places (PLP)

1429 21st St NW
Washington, DC 20036
(202) 887-5990

Urban Land Institute (ULI)

625 Indiana Ave, NW Ste 400
Washington DC 20004
(202) 624-0700

References

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City Center Planning and Public Transport, B. Simpson. Van Nostrand Reinhold, 1988.
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URBAN DESIGN

(see also Planning)

Associations

AIA Regional and Urban Design Committee (AIA/RUDC)

1735 New York Ave, NW
Washington, DC 20006
(202) 626-7452

Institute for Urban Design (IUD)

4253 Karesue Ave
San Diego, CA 92122
(619) 455-1251

Waterfront Center (WC)

1536 44th St, NW
Washington, DC 20007
(202) 337-0356

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Practice

Computers, construction management, design and planning education, facility management, law, marketing, practice management, project management, registration, specifications

COMPUTERS

Associations

Association of Computing Machinery (ACM)

11 West 42nd St, 3rd flr
New York, NY 10036
(212) 869-7440

Association of Computer-Aided Design in Architecture (ACADIA)

c/o John McIntosh
College of Architecture and Environmental Design
Arizona State University
Tempe, AZ 85287-1905
(602) 965-1344

Independent Computer Consultants Association (ICCA)

933 Gardenview Office Parkway
St. Louis, MO 63141
(314) 993-1188

National Computer Graphics Association (NCGA)

2722 Merrilee Dr., Suite 200
Fairfax, VA 22031
(703) 698-9600

International Reprographic Association (IRGA)

2000 York Rd., Suite 1258
Oak Brook, IL 60521
(708) 571-4685

Society for Computer Aided Engineering (SCAE)

5411 East State Street
Rockford, IL 61108
(800) 338-5646

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CONSTRUCTION MANAGEMENT

Associations

Construction Management Association of America (CMAA)

1893 Preston White Dr, Suite 130
Reston, VA 22091
(703) 391-1200

References

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DESIGN AND PLANNING EDUCATION

Associations

AIA Architects in Education Committee (AIA/AEC)

1735 New York Ave, NW
Washington, DC 20006
(202) 626-7358

AIA Professional Development Programs (AIA/PDP)

1735 New York Ave, NW
Washington, DC 20006
(202) 626-7348

American Institute of Architects Students (AIAS)

1735 New York Ave, NW
Washington, DC 20006
(202) 626-7472

American Society of Engineering Education (ASEE)

11 Dupont Circle, Suite 200
Washington, DC 20036
(202) 293-7080

Association of Collegiate Schools of Architecture (ACSA)

1735 New York Ave, NW
Washington, DC 20006
(202) 785-2324

Association of Collegiate Schools of Planning (ACSP)

c/o Carl Patton
Office of Academic Affairs
University of Toledo

Toledo, Ohio 43606

(419) 537-2587

Canadian Council of University Schools of Architecture (CCUSA)

c/o Eric Haldenby
School of Architecture
University of Waterloo

Waterloo, ONT Canada N2L 3G1

(519) 885-1211

Commonwealth Board of Architectural Education (CBAE)

c/o Commonwealth Association of Architects
66 Portland Place
London, W1N 4AD, England

01-636-8276

Foundation for Interior Design Education Research (FIDER)

60 Monroe Center NW
Grand Rapids, MI 49503-2920
(616) 458-0400

National Architectural Accrediting Board (NAAB)

1735 New York Ave, NW
Washington, DC 20006
(202) 783-2007

National Council for Interior Design Qualification (see Registration)

National Institute for Architectural Education (NIAE)

30 West 22nd St
New York, NY 10010
(212) 924-7000

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FACILITY MANAGEMENT

Associations

American Institute of Plant Managers (AIAP)

3975 Erie Ave
Cincinnati, OH 45208
(513) 561-6000

The Association of Higher Education Facilities Officers (APFA)

1446 Duke St
Alexandria, VA 22314
(703) 684-1446

Building Owners Managers Association International (BOMA)

1201 New York Ave, NW, Suite 300
Washington, DC 20005
(202) 408-2662

International Facility Management Association (IFMA)

One East Greenway Plaza
Houston, TX 77046-0194
(713) 623-4362

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LAW

Associations

American Arbitration Association (AAA)

140 West 51st Street
New York, NY 10020
(212) 484-4000

Kent Construction Law Institute

c/o Steven Stein
180 North LaSalle Street, Suite 2700
Chicago, IL 60601
(312) 346-1300

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MARKETING

Associations

Society for Marketing Professional Services

99 Canal Center Plaza, Suite 320
Alexandria, VA 22314
(703) 549-6117

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PRACTICE MANAGEMENT

Associations

National Association of Financial Managers in the Design Professions (NAFMDFP)

P.O. Box 18918
Oklahoma City, OK 73118
(405) 848-1111

Professional Services Management Association (PSMA)

4726 Park Rd., Suite A
Charlotte, NC 28209
(704) 521-8822

Society of Architectural Administrators

1735 New York Ave NW
Washington D.C. 20006
(202) 626-7300

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PROJECT MANAGEMENT

Associations

Project Management Institute (PMI)

4 Woodland Ave
Drexel Hill, PA 19026
(215) 622-1796

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REGISTRATION

Associations

Architectural License Seminar (ALS)

Box 64188
Los Angeles, CA 90064
(213) 208-7112

Council of Landscape Architectural Registration Boards (CLARB)

12700 Fair Lake Circle, Suite 110
Fairfax, VA 22033
(703) 818-1300

Institute of Design and Construction (IDC)

141 Willoughby St
Brooklyn NY 11201
(718) 855-3661

National Council of Architectural Registration Boards (NCARB)

173 New York Ave NW Suite 700
Washington, DC 20002
(202) 783-6500

National Council for Interior Design Qualification (NCIDQ)

118 East 25th Street
New York, NY 10010
(212) 473-1188

The Registration Institute

2600 Baantry Bay Dr.
Tallahassee FL 32308
(904) 668-2040

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SPECIFICATIONS

Associations

Construction Specifications Institute (CSI)

601 Madison St
Alexandria, VA 22314
(703) 684-0300

References

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Technics

Building science, indoor air quality, materials and standards, sitework, concrete, masonry, metals, wood and plastics, thermal and moisture protection, doors and windows, finishes, furnishings, conveying systems, mechanical, electrical

This year's Technics listings in CSI's MasterFormat constitute a recommended technical library for architects. We welcome reader's nominations for future listings

BUILDING SCIENCE

Associations

Center for Building Technology/National Institute of Standards and Technology (CBT/NSIT)

Bldg. 226, Room B216
Gaithersburg, MD 20899
(301) 975-6850

Institute for Research in Construction/National Research Council Canada (IRC/NRCC)

Ottawa, ONT K1A 0R6 Canada
(613) 993-2463

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Handbook of Fundamentals, ASHRAE, see Division 15500.
The Science and Technology of Building Materials, Cowan and Smith, Van Nostrand Reinhold, 1988, 213 pp.
Walls, Windows and Roofs for the Canadian Climate, J. Latta, NRCC 13487, 1973, 111 pp.

INDOOR AIR QUALITY

Associations

American Society of Heating, Refrigerating, and Air Conditioning Engineers.

(see 15500)

Environmental Protection Agency,

Toxic Materials Information Hotline,
Washington, D.C.
(800) 858-7378

Radon Division - Environmental Protection Agency (EPA)

401 M St. SW
Washington, D.C. 20406
(202) 475-9605

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2548 Empire Grade

Santa Cruz, CA 95060

(408) 426-6624.

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MATERIALS AND STANDARDS

Associations

American National Standards Institute (ANSI)

11 W. 42nd St.
New York, NY 10036
(212) 642-4900

American Society for Testing and Materials (ASTM)

1916 Race St.
Philadelphia, PA 19103
(215) 299-5400

Construction Specifications Institute (CSI)

601 Madison Street,
Alexandria, VA
(703) 684-0300

Factory Mutual Research Corp.(FMRC)

(see Fire Protection, Design Division)

Underwriters Laboratories (UL)

333 Pfingsten Rd.
Northbrook, IL 60062
(708) 272-8800

Underwriters Laboratories of Canada (ULC)

7 Crouse Rd.
Scarborough ONT M1R 3A9 Canada
(416) 757-3611

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DIVISION 2 - SITEWORK

Associations

ASFE/Association of Engineering Firms Practicing in the Geosciences,

8811 Colesville Rd.
Silver Spring, MD
(301) 565-2733

Concrete Paver Institute/National Concrete Masonry Association (NCMA)

(see 04200)

Underground Space Center (USC)

University of Minnesota
500 Pillsbury Drive SE, Rm. 790
Minneapolis, MN 55455
(612) 624-0066

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DIVISION 3 - CONCRETE

Associations

American Concrete Institute (ACI)

P.O. Box 19150
22400 W. Seven Mile Rd.
Detroit, MI 48219-0150
(313) 532-2600

American Society of Concrete Construction (ASCC)

1902 Techy Ct.
Northbrook, IL 60062
(708) 291-0270

Portland Cement Association (PCA)

5420 Old Orchard Rd.
Skokie, IL 60077
(708) 966-6200

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03100 - Concrete Formwork

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03200 - Concrete Reinforcement

Associations

Wire Reinforcement Institute (WRI)

1101 Connecticut Ave. NW, Suite 700
Washington, D.C. 20036-4303
(202) 429-5125

Concrete Reinforcing Steel Institute (CRSI)

933 North Plum Grove Rd.
Schaumburg, IL 60173
(708) 517-1200

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References

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03400 - Precast Concrete

Associations

National Precast Concrete Association (NPCA)

825 E. 64th St.
Indianapolis, IN 46220
(317) 253-0486

Precast/Prestressed Concrete Institute (PCI)

175 W. Jackson Blvd., Suite 1859
Chicago, IL 60604
(312) 786-0300

Post-Tensioning Institute (PTI)

1717 W. Northern Ave., Suite 218
Phoenix, AZ 85021
(602) 870-7540

Tilt-Up Concrete Association (TCA)

2431 W. Cummings Wood Lane
Hendersonville, NC 28739
(704) 891-9578

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03500 - Cementitious Decks

References

Guide for Cast-in-Place Low-Density Concrete, 523.1R, ACI, 1986, 8 pp.

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03600 - Grout

References

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DIVISION 4 - MASONRY

Associations

International Masonry Institute (IMI)

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Washington, D.C. 20005

(202) 783-3908

Masonry Institute of America (MasIA)

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Los Angeles, CA 90057

(213) 388-0472

Masonry Society (MS)

2619 Spruce St.

Boulder, CO 80302

(303) 939-9700

National Lime Association (NLA)

3601 North Fairfax Dr.

Arlington, VA 22201

(703) 243-LIME

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04200 - Unit Masonry

Associations

Brick Institute of America (BIA)

11490 Commerce Park Dr.

Reston, VA 22091

(703) 620-0010

National Concrete Masonry Association (NCMA)

2302 Horsepen Rd.

Herndon, VA 22071

(703) 435-4900

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1989, 331 pp.

04400 - Stone

Associations

Building Stone Institute (BSI)

P.O. Box 5047

White Plains, NY 10602-5047

(914) 232-5725

Cast Stone Institute (CastSI)

Pavilions at Greentree, Suite 408

State Highway 70

Marlton, NJ 08053

(609) 858-0271

Indiana Limestone Institute of America (ILIA)

Stone City Bank Bldg., Suite 400

Bedford, IN 47421

(812) 275-4426

Italian Marble Center (IMC)

Italian Trade Commission

499 Park Ave.

New York, NY 10022

(212) 980-1500

Marble Institute of America (MarIA)

33505 State St.

Farmington, MI 48335

(313) 476-5558

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04500 - Masonry Restoration and Cleaning

(see also Preservation/Restoration)

Associations

Preservation Assistance Program, National Park

Service (NPS)

(see Preservation/Restoration).

National Trust for Historic Preservation

(see Preservation/Restoration).

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DIVISION 5 - METALS

Associations

Aluminum Association (AA)

900 19th St. NW, Suite 300

Washington, D.C. 20006

(202) 862-5100

American Institute of Steel Construction (AISC)

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American Iron and Steel Institute (AISI)

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Copper Development Association (CDA)

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(203) 625-8210

Industrial Perforators Association

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Milwaukee, WI 53203

(414) 271-2263

Metal Building Manufacturers Association

(MBMA)

1230 Keith Building

Cleveland, OH 44115

(216) 241-7333

Metal Lath/Steel Framing Association (MLSFA)

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Chicago, IL 60605

(312) 922-6222

National Association of Architectural Metal

Manufacturers (NAAMM)

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Chicago, IL 60605

(312) 922-6222

Nickel Development Institute (NDI)

15 Toronto St., Suite 402

Toronto, ONT M5C 2E3 Canada

(416) 362-8850

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H.L. Simmons, Van Nostrand Reinhold, 1990,

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05030 - Metal Coatings

Associations

Architectural Anodizers Council (AAC)

1000 N. Rand, Suite 204

Wauconda, IL 60084

(708) 526-2010

Steel Structures Painting Council (SSPC)

4400 5th Avenue

Pittsburg, PA 15213-2683

(412) 268-3327

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References

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DIVISION 6 - WOOD & PLASTICS

Associations

American Wood Council (AWC)

National Forest Product Association
1250 Connecticut Ave. NW, Suite 230
Washington, D.C. 20036
(202) 833-1595

California Redwood Association (CRA)

405 Enfrente Dr., Suite 200
Novato, CA 94949
(415) 382-0662

Canadian Wood Council (CWC)

Box 88880,
Seattle, WA 98138,
(800) 531-3122.

National Forest Products Association (NFPA)

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Washington, D.C. 20036
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Southern Forest Products Association (SFPA)

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New Orleans, LA 70152
(504) 443-4464

Western Wood Products Association (WWPA)

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Portland, OR 97204
(503) 224-3930

Wood Products Information Center/Wood Forest

Institute (WPIC/WFI)
4033 S. W. Canyon Rd.
Portland, OR 97221
(503) 228-1367

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06100 - Rough Carpentry

References

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06130 - Heavy Timber Construction

Associations

American Institute of Timber Construction (AITC)

11818 SE Mill Plain Blvd., Suite 415
Vancouver, WA 98684-5092
(206) 254-9132

American Lumber Standards Committee (ALSC)

P.O. Box 210
Germantown, MD 20875-0210
(301) 972-1700

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06170 - Prefabricated Structural Wood

Associations

American Plywood Association (APA)

P.O. Box 11700
Tacoma, WA 98411
(206) 565-6600

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06200 - Finish Carpentry

Associations

Architectural Woodwork Institute (AWI)

(see 06400)

Fine Hardwood Veneer Association (FHVA)

5603 West Raymond St., Suite O
Indianapolis, IN 46241
(317) 244-3312

Hardwood Plywood Manufacturers Association

(HPMA)
P.O. Box 2789
Reston, VA 22090
(703) 435-2900

National Particleboard Association (NPBA)

18928 Premiere Ct.
Gaithersburg, MD 20879
(301) 670-0604

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06300 - Wood Treatment

Associations

American Wood Preservers Association (AWPA)

P.O. Box 849
Stevensville, MD 21666
(301) 643-4163

American Wood Preservers Bureau (AWPB)

P.O. Box 5283
Springfield, VA 22150
(703) 339-6660

References

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06400 - Architectural Woodwork

Associations

Architectural Woodwork Institute (AWI)

2310 S. Walter Reed Dr.
P.O. Box 1550
Centerville, VA 22020
(703) 222-1100

National Hardwood Lumber Association (NHLA)

P.O. Box 34518
Memphis, TN 38184-0518
(901) 377-1818

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06600 - Plastic Fabrications

Associations

Cultured Marble Institute (CMI)

435 N. Michigan Ave., Suite 1717
Chicago, IL 60611
(312) 644-0828

Decorative Laminate Products Association

(DLPA)
600 S. Federal St., Suite 400
Chicago, IL 60605
(312) 922-6222

References

Cultured Marble, Monograph 06M621, CSI, 1987.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

Associations

American Society of Heating, Refrigerating, and

Air Conditioning Engineers (ASHRAE)

1791 Tullie Circle, N.E.,
Atlanta, GA 30329
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Institute of Roofing and Waterproofing

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Rolling Meadows, IL 60008
(708) 991-9292

National Roofing Contractors Association

O'Hare International Center
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Rosemont, IL 60018
(708) 299-9070

Sealant, Waterproofing, and Restoration Institute

(SWRI)
3101 Broadway, Suite 585
Kansas City, MO 64111
(816) 561-8230

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References

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07200 - Insulation

Associations

Mineral Insulation Manufacturers Association

(MIMA)
1420 King St., Suite 410
Alexandria, VA 22314
(703) 684-0084

Perlite Institute (PI)

88 New Dorp Plaza
Staten Island, NY 10306-2994
(718) 351-5723

Polyisocyanurate Insulation Manufacturers

Association (PIMA)
1001 Pennsylvania Ave. NW
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(202) 624-2709

Society of the Plastics Industry (SPI)

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Washington, D.C. 20005
(202) 371-5200

Vermiculite Association (VA)

600 S. Federal St., Suite 400
Chicago, IL 60605
(312) 922-6222

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07240 - Exterior Insulation and Finish Systems

Associations

Exterior Insulation Manufacturers Association

(EIMA)
2759 State Road 580, Suite 112
Clearwater, FL 34621
(813) 726-6477

References

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07300, 07400, 07500 - Roofing**Associations****Asphalt Roofing Manufacturers Association (ARMA)**

6288 Montrose Rd.
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National Tile Roofing Manufacturers Association (NTRMA)

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Los Angeles, CA 90039
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Raleigh, NC 27607
(919) 859-0742

Roofing Communications Network (RCN)

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John's Island, SC 29455
(800) 522-7663

Roofing Industry Educational Institute (RIEI)

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Roofing Products Division/Rubber Manufacturers Association (RPD/RMA)

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Washington, D.C. 20005
(202) 682-1338

Single Ply Roofing Institute (SPRI)

104 Wilmot Rd., Suite 201
Deerfield, IL 60015
(708) 940-8800

07300 - Shingles and Roofing Tiles**References**

Design and Application Manual for New Roof Construction, CSSB, 20 pp.
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07600 - Flashing and Sheet Metal**References**

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Sheet Copper Applications, CDA (see 05000), 1980, 58 pp.
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07800 - Skylights**References**

The Skylight Handbook: Design Guidelines with PC Disk, SHDG-2, AAMA, (see 08000) 1988.
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07900 - Joint Sealers**Associations****Adhesive and Sealant Council (ASC)**

1627 K St. NW, Suite 1000
Washington, D.C. 21707
(202) 452-1500

Sealant, Waterproofing, and Restoration Institute (see 07000)**References**

Building Seals and Sealants, STP 606, ASTM, 1976, 362pp.
Building Sealants: Materials, Properties and Performance, STP 1069, ASTM, 1990, 351 pp.
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Standard Guide for Use of Elastomeric Joint Sealants, C 962-86, ASTM, 9 pp.
Voluntary Specifications and Test Methods for Sealants, 800-86, AAMA (see 08000), 1986.

DIVISION 8 - DOORS & WINDOWS**Associations****American Architectural Manufacturers Association (AAMA)**

1540 E. Dundee Rd., Suite 310
Palatine, IL 60067
(708) 202-1350

National Fenestration Rating Council (NFRC)

962 Wayne Ave., Suite 750
Silver Springs, MD 20910
(301) 589-NFRC

National Wood Window & Door Association (NWWDA)

1400 E. Touhy Ave.
Des Plaines, IL 60018
(708) 299-5200

Vinyl Window and Door Institute (VWDI)

355 Lexington Ave.
New York, NY 10017
(212) 351-5400

References

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The Low-E Glazing Design Guide, T.E. Johnson, Butterworth Publishers, 1991, 200 pp.
Repairing and Extending Doors and Windows, H.L. Simmons, V.N. Reinhold, 1990, 406 pp.
Voluntary Standard for Thermal Transmittance and Condensation Resistance of Window, Doors, and Glazed Wall Sections, 1503.1-88, AAMA.

08100 - Metal Doors and Frames**Associations****Steel Door Institute (SDI)**

30200 Detroit Rd.
Cleveland, OH 44145
(216) 899-0010

References

Hollow Metal Manual, NAAMM (see 05000), looseleaf binder, 1987.
Standard Steel Doors and Frames ("Fact File") Steel Door Institute, Cleveland, (216) 899-0010, looseleaf binder.

08200 - Wood and Plastic Doors**References**

Architectural Wood Flush Doors, IS 1-A, NWWDA, 1991, 32 pp.
Specifiers Guide to Wood Windows and Doors, NWWDA, loose-leaf binder.

08400 - Entrances and Storefronts**References**

Aluminum Store Front and Entrance Manual, SFM-1, AAMA, 1987.

08500/08600 - Metal Windows/Wood and Plastic Windows**Associations****Steel Window Institute**

1230 Keith Bldg.
1621 Euclid St.
Cleveland, OH 44115
(216) 241-7333

Vinyl Window and Door Institute (VWDI)

355 Lexington Ave., 4th Floor
New York, NY 10017
(212) 351-5400

References

Specifier's Guide to Steel Windows, SWI, 16 pp.
Specifier's Guide to Wood Windows and Doors, NWWDA, looseleaf binder.
Vinyl Windows Certified Products Directory, VWDI, 1991, 24 pp.
Voluntary Guide Specifications for Aluminum Architectural Windows, GS-001, AAMA, 1984.
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08650 - Special Windows**References**

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The Window Handbook: Successful Strategies for Rehabilitating Windows in Historic Buildings, National Park Service, Washington, DC (202) 343-9568.

08700 - Hardware**Associations****Builders Hardware Manufacturers Association (BHMA)**

355 Lexington Ave., 17th Fl.
New York, NY 10017
(212) 661-4261

Door and Hardware Institute (DHI)

7711 Old Springhouse Rd.
McLean, VA 22102
(703) 556-3990

References

DHI Handbooks, Door and Hardware Institute, McLean, VA (703) 556-3990, loose-leaf binder.

08800/08900 - Glazing/Glazed Curtain Walls**Associations****Flat Glass Marketing Association (FGMA)**

3310 S. W. Harrison St.
Topeka, KS 66611
(913) 266-7013

Glass Tempering Association (GTA)

3310 S. W. Harrison St.
Topeka, KS 66611
(913) 266-7013

Laminators Safety Glass Association (LSGA)

3310 S. W. Harrison St.
Topeka, KS 66611
(913) 266-7013

National Glass Association (NGA)

8200 Greensboro Dr., Suite 302
McLean, VA 22102
(703) 442-4890

Sealed Insulating Glass Manufacturers Association (SIGMA)

401 N. Michigan Ave.
Chicago, IL 60611
(312) 644-6610

Stained Glass Association of America (SGAA)

6 S. W. 2nd St., Suite 7
Lee's Summit, MO 64063
(816) 524-9340

References

Aluminum Curtain Wall Design Guide Manual, CW 1-9, AAMA, 1979, 181 pp.
"Architectural Glass: Strengths, Selection, Sizes," J. Minor, P/A, April 1990, pp. 47-49.
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Technical Manual for Acoustical Glass, A-6001, SIGMA, 1986, 18 pp.
Thermal Performance Factor, K. Labs, P/A, June 1990, p. 45.
Voluntary Guidelines for Sloped Glazing, TB-3001, SIGMA, 1990, 5 pp.

DIVISION 9 - FINISHES**Associations****Foundation of the Wall and Ceiling Industry (FWCI)**

1600 Cameron Street,
Alexandria, VA 22314
(703) 548-0374

References

Repairing and Extending Finishes, Parts I & II, H.L. Simmons, V. N. Reinhold, 1990, 305 pp., 300 pp.
Tolerances, Variations, and Pre-Existing Site Conditions for the Wall and Ceiling Industries, FWCI, 1990, looseleaf binder.

09200 - Lath and Plaster**Associations****International Institute of Lath and Plaster**

820 Transfer Rd.
St. Paul, MN 55111
(612) 645-0208

References

Plaster and Drywall Systems Manual, J. Gorman, et al., McGraw Hill, 1988, 415 pp.
Portland Cement Plaster (Stucco) Manual, PCA (see 03000), EB049M, 1980, 32 pp.

09250 - Gypsum Board**Associations****Gypsum Association (GA)**

810 1st St. NE, Suite 510
Washington, D.C. 20002
(202) 289-5440

References

Application and Finishing of Gypsum Board, GA-216, GA, 1989, 16 pp.
Using Gypsum Board for Walls and Ceilings, GA, 1985, 37 pp.

09300 - Tile**Associations****Ceramic Tile Institute (CTI)**

700 North Virgil Ave.
Los Angeles, CA 90029
(213) 660-1911

Italian Tile Association (ITA)

305 Madison Ave., Suite 3120
New York, NY 10165
(212) 661-0435

Materials and Methods Standards Association (MMSA)

c/o Harvey Powell, Noble Co.
P. O. Box 350
Grand Haven, MI 49417
(616) 842-7844

Tile Council of America (TCA)

P. O. Box 326
Princeton, NJ 08542
(609) 921-7050

References

American National Standard Specifications for the Installation of Ceramic Tile, ANSI A-108 series, TCA, 1985, 57 pp.
American National Standard Specifications for Ceramic Tile, ANSI A-137.1, TCA, 1988, 17 pp.
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"Technics Focus: Ceramic Tile," P/A, Apr 1990.

09400 - Terrazzo**Associations****National Terrazzo and Mosaic Association (NTMA)**

3166 Des Plaines Ave.,
Suite 132
Des Plaines, IL 60018
(708) 635-7744

References

Terrazzo Ideas and Design Guide, NTMA, 1990, 44 pp.

09500 - Acoustical Treatment**Associations****Acoustical Society of America (ASA)**

500 Sunnyside Blvd.
Woodbury, NY 11797
(516) 349-7800

National Council of Acoustical Consultants (NCAC)

66 Morris Ave.
P. O. Box 359
Springfield, NJ 07081
(201) 379-1100

References

Acoustical Uses for Perforated Metals, T. Schultz, Industrial Perforators Association (see 05000), 76 pp.
"Acoustics for Small Spaces," M. Holden, P/A, Apr 1991, pp. 36-40.
"Sound Absorption," Ch. 2, *Architectural Acoustics*, M. Egan, McGraw Hill, 1988.

09545 - Special Ceiling Surfaces**Associations****Ceilings and Interior Systems Construction Association (CISCA)**

104 Wilmot Rd., Suite 201
Deerfield, IL 60015
(708) 940-8800

References

Ceiling Systems Handbook, CISCA.
Installation of Grid Systems, CISCA.
Walls & Ceilings (ISI Publications) monthly.

09550 - 09780 - Flooring**Associations****Maple Flooring Manufacturers Association (MFMA)**

60 Revere Dr., Suite 500
Northbrook, IL 60062
(708) 480-9138

National Oak Flooring Manufacturers Association (NOFMA)

P. O. Box 3009
Memphis, TN 38173-0009
(901) 526-5016

National Wood Flooring Association (NWFA)

11046 Manchester Rd.
St. Louis, MO 63122
(800) 422-4556

Resilient Floor Covering Institute (RFCI)

966 Hungerford Dr., Suite 12B
Rockville, MD 20850
(301) 340-8580

Wood and Synthetic Flooring Institute (WSFI)

4415 W. Harrison St., Suite 242C
Hillside, IL 60162
(708) 449-2933

09950 - Wood Flooring**References**

Hardwood Floors, NWFA, monthly.
Laminated Hardwood Flooring Standard, HPMA (see 06200).
Addressing Moisture Related Problems Relevant to Resilient Floor Coverings Installed over Concrete, RFCI, 1985, 8 pp.

09650 - Resilient Flooring**References**

Recommended Work Procedures for Resilient Floor Coverings, RFCI.
Vinyl Composition, Solid Vinyl & Asphalt Tile, RFCI.

09800, 09900 - Special Coatings, Painting**Associations****Architectural Spray Coaters Association (ASCA)**

230 W. Wells, Suite 311
Milwaukee, WI 53203
(414) 273-3430

Forest Products Laboratory (FPL)

1 Gifford Pinchot Dr.
Madison, WI 53705-2398
(608) 231-9467

National Association of Decorative Architectural Finishes (NADAF)

112 N. Alfred St.
Alexandria, VA 22314
(703) 836-6504

National Paint and Coatings Association (NPCA)

1500 Rhode Island Ave. NW
Washington, D.C. 20005
(202) 462-6272

Painting and Decorating Contractors of America (PDCA)

3913 Old Lee Highway, Suite 33B
Fairfax, VA 22030
(703) 359-0826

09800, 09900 - Special Coatings, Painting**References**

Finishing Wood Exteriors: Application and Maintenance, *Agricultural Handbook 647, No. 001-000-044-50-8*, US Government Printing Office, 1986, 56 pp.
Exterior Wood in the South: Selection, Applications, and Finishes, Southern Forest Products Association (see 06000), 1991, 56 pp.
Finishing Exterior Wood Products, NFPA (see 06000), 1991, 18 pp.
Paints and Surface Coatings: Theory and Practice, R. Cambourne, Halstead, 1987.

09950 - Wallcovering**Associations****Wallcovering Manufacturers Association and Wallcovering Information Bureau (WMA and WIB)**

355 Lexington Ave.
New York, NY 10017
(212) 661-4261

DIVISION 12 - FURNISHINGS

(see also Interior Design)

Associations**American Society of Furniture Designers (ASFD)**

521 S. Hamilton St.
P. O. Box 2688
High Point, NC 27261
(919) 884-4074

Business and Institutional Furniture Manufacturers Association (BIFMA)

2335 Burton St. SE
Grand Rapids, MI 49506
(616) 243-1681

Contract Furnishings Council (CFC)

1190 Merchandise Mart
Chicago, IL 60654
(312) 321-0563

FORMA, Center for Italian Furniture, Lighting, and Decorative Accessories.

P. O. Box 56689
Atlanta, GA 30343
(404) 525-0660

References

Architecture, Furniture, Interior Design, J. Pirchon. MIT Press, 1989.
Furniture Design and Manufacturing, Delta Communications, monthly.
Human Factors Design Handbook: Information and Guidelines for the Design of Modern Furniture, J. Pile, Wiley, 1979.
Sourcebook of Modern Furniture, J. Habegger, Van Nostrand Reinhold, 1989.

12300 - Kitchens**References**

Recommended Performance and Construction Standards for Kitchen and Vanity Cabinets, ANSI/KCMA A161.1, Kitchen Cabinets and Manufacturers Assoc., Reston, VA (703) 264-1690, 1990, 10 pp.

DIVISION 14 - CONVEYING SYSTEMS**Associations****National Association of Elevator Contractors (NAEC)**

4053 La Vista Rd., Suite 120
Tucker, GA 30084
(404) 496-1270

References

Elevator Abstracts: Including Escalators, G. Barney, Halstead Press, 1987.
"Giving Rise to Better Elevators," P/A, Feb 1989.
"The Packaged Elevator," P/A Oct 1989.
Vertical Transportation: Elevators and Escalators, G. Strakosh, Wiley, 1983.

DIVISION 15 - MECHANICAL**15400 - Plumbing****Associations****American Society of Plumbing Engineers**

3617 Thousand Oaks Blvd, Suite 210
Westlake Village, CA 91362
(805) 495-7120

American Society of Sanitary Engineering

P.O. Box 40362
Bay Village, OH 44140
(216) 835-3040

National Association of Plumbing, Heating, Cooling Contractors

180 S. Washington
Falls Church, VA 22040
(703) 237-8100

Plumbing Manufacturers Institute

800 Roosevelt Rd, Bldg C, Ste 20
Glen Ellyn, IL 60137
(708) 858-9172

References

Plumbing Design and Installation Reference Guide, T. Hicks, McGraw-Hill, 1986.
Practical Plumbing Design Guide, J. Church, McGraw, 1987.

15500 - Heating, Ventilating, and Air Conditioning**Associations****Air Diffusion Council (ADC)**

111 E. Wacker Dr., Suite 200

Chicago, IL 60601

(312) 616-0800

Air Movement and Control Association (AMCA)

30 W. University Dr.
Arlington Heights, IL 60004
(708) 394-0150

American Gas Association (AGA)

1515 Wilson Blvd.
Arlington, VA 22209
(703) 841-8400

American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE)

1791 Tullie Circle NE
Atlanta, GA 30329
(404) 636-8400

American Society of Mechanical Engineers (ASME)

345 E. 47th St.
New York, NY 10017
(212) 705-7722

Cooling Tower Institute (EEI)

P. O. Box 73383
Houston, TX 77273
(713) 583-4087

Hydronics Institute (HI)

35 Russo Pl.
P. O. Box 218
Berkeley Heights, NJ 07922
(908) 464-8200

Institute of Heating and Air Conditioning Industries (IHACI)

606 N. Larchmont Blvd., Suite 4A
Los Angeles, CA 90004
(213) 467-1158

References

ASHRAE Journal, ASHRAE, monthly.
Handbook of Fundamentals, ASHRAE, 1989.
HVAC: Design Criteria, Options, Selection, W. Rowe, RS Means, 1988.
Heating, Piping, Air Conditioning, Penton Publishing, monthly.
Residential Heating and Cooling, 88108, ASHRAE.
A Practical Guide to Noise and Vibration Control for HVAC Systems, M. Schaffer, ASHRAE, 1991, 190 pp.

DIVISION 16 - ELECTRICAL**Associations****Edison Electric Institute (EEI)**

701 Pennsylvania Ave. NW
Washington, D.C. 20004
(202) 508-5000

16500 - Lighting**Associations****Illuminating Engineering Society of North America (IES)**

345 E. 47th St., 9th Fl.
New York, NY 10017
(212) 705-7916

International Association of Lighting Designers (IALD)

18 E. 16th St., Suite 208
New York, NY 10003
(212) 206-1281

Lighting Research Center (LRC)

Rennselaer Polytechnic Institute
Greene Bldg., #115
Troy, NY 12180-3590
(518) 276-8716

Lighting Research Institute (LRI)

345 E. 47th St.
New York, NY 10017
(212) 705-7511

References

Choosing Light Sources for General Lighting, CP-32-88, IES, 1988, 20 pp.
Guide on Interior Lighting, CIE 29.2, TLA Consultants (publications office of CIE), Salem, MA (508) 745-6870, 1986, 114 pp.
IES Lighting Ready Reference, IES, 1989, 176 pp.
IES Recommended Practice for Lighting Offices Containing Visual Display Terminals, RP-24, IES, 1990, 25 pp.
Lighting Handbook, 1984 Reference volume, IES, 488 pp.
Lighting Handbook, 1987 Application volume, IES, 530 pp.

Reference and Recognition

Awards and competitions, bibliographies, publishers, general information sources

AWARDS AND COMPETITIONS

Arranged by month of first deadline, includes name of competition, sponsoring organization, and address.

January

Andrea Palladio Prize (biennially), Caoduro S.p.A. Via Chiuppese 15, 1-36010 Cavazzade, Vincenza Italy, tel. 0444/595900, fax. 0444/596761.

Brick in Architecture Awards, Frimmel Smith, American Institute of Architects, (202) 626-7390.

February

ACSA/Otis Elevator, AIA/ACSA Council on Architectural Research, (800) 232-2724.

ACSA Student Competition, ACSA, 1735 New York Ave, NW Washington, DC 20006, (800) 232-2724.

AIA/National Concrete Masonry Awards, (202) 626-7300

Innovations in Housing, American Plywood Association/American Wood Council, Dept. 200-089-B, P.O. Box 11700, Tacoma, Washington 98411, (206) 565-6600.

Paris Prize, National Institute of Architectural Education (212) 924-7000.

Quaternario Award for Innovative Technology in Architecture, (biennially) Quaternario Foundation, Simonetta D'Italia, 110 First Place, Brooklyn, NY 11231, (718) 852-6197.

Young Architects, Architectural League of New York, 457 Madison Ave., New York, NY 10022, (212) 753-1722.

March

AIA Photography Contest, St. Louis AIA, 911 Washington Street, Suite 225, St. Louis, MO 63101-1203, (314) 621-3484.

Gateway Between U.S. and Canada, Association of Student Chapters/AIA (202) 626-7472.

April

May

ACSA-American Wood Council Competition, (419) 537-2587.

Builder's Choice Awards, Builder, 655 15th St, NW Suite 475, Washington, DC 20005, (800) 622-1950.

Creative Uses of Sheet Metal and Photovoltaic Design, Association of Student Chapters/AIA (202) 626-7472.

Excellence of the Waterfront, Susan Kirk, Waterfront Center, 1536 44th St NW, Washington, DC 20007, (202) 337-0356.

Lighting Design Competition, McGraw-Edison Co (Halo Lighting Division) (312) 222-1060.

William Van Allen National Student Design Competition, National Institute of Architectural Education (212) 924-7000.

June

AIA Urban Design Awards, Bruce Krivisky,

AIA Design Programs, (202) 626-7452.

American Society of Architectural Perspectivists, 320 Newbury St, Boston, MA 02115, (617) 846-4766.

Design America Accessible Competition, National Institute of Architectural Education (212) 924-7000.

Society of Environmental Graphic Designers, 47 Third St, Cambridge, MA 02141, (617) 577-8225.

July

Precast/Prestressed Concrete Awards, Precast/Prestressed Concrete Institute, 175 West Jackson Blvd, Chicago, IL 60604, (312) 786-0300.

August

AIA Honor Awards, AIA Twenty-Five Year Award, (202) 626-7300

American Institute for Steel Construction, AISC Awards Committee, One East Wacker Drive, Suite 3100, Chicago, IL 60601, (312) 670-2400.

September

Wood Design Awards, American Wood Council, 1250 Connecticut Ave, Washington, DC 20036, (202) 833-1595.

Concrete Building Awards, Glen Simon, PCA, 5420 Old Orchard Road, Skokie, IL 60077, (708) 966-6200.

Home of the Year, The Awards Committee, Metropolitan Home, 750 Third Ave, New York, NY 10017.

P/A Awards, Awards Editor, Progressive Architecture, 600 Summer Street, Stamford, CT 06904.

Shinkenchiku Residential Design Competition, Entries Committee, Shinkenchiku-sha Co., Ltd., 2-31-2 Yushima, Bunkyo Ward, Tokyo 113, Japan.

October

AIA Thomas Jefferson Award for Public Architecture, (202) 626-7300

Bearing: Faculty Architecture (biennially), Department of Environmental Design, Parsons School of Design, 66 Fifth Ave, New York, NY 10011, (212) 741-8955.

Osaka Design Competition (biennially), Japan Design Foundation, 3-1-800 Umeda 1-chome, Kita-ku, Osaka 530, Japan, tel: 81 6 346-2611; fax: 81 6 346-2615.

November

AIA/Concrete Reinforcing Steel Institute Design Award, Peter Steiner (708) 517-1200.

R.S. Reynolds Award, Frimmel Smith, AIA, (202) 626-7390.

Society of American Registered Architects Student Design competition, (708) 932-4622.

Rudy Bruner Award of Excellence in Urban Design, 244 Fifth Ave, New York, NY 10001, (212) 889-5366.

Store Design Competition, Institute of Store Planners, (914) 332-1806.

December

AAMA Competition, American Architectural Manufacturers Association, 2700 River Rd, Des Plaines, IL 60018, (708) 699-7310.

Housing-The Affordable Dream, Association of Student Chapters/AIA, (202) 626-7472.

References

Architecture and Competitions, (Karl Kraemer Verlag, Schulze-Delitzsch St. 15, 7000 Stuttgart 80 Germany): quarterly.

Awards and Prizes, Gita Siegman. Gale Research, 1988.

Deadlines Design Competition Registry, (HCI Box 17, Hawley, MA 01339): 15/yr.

Design Competitions Directory, (DACD, Box 1235, Cambridge, MA 02238): annual.

P/A Calendar: monthly.

BIBLIOGRAPHIES

AIA Bibliographies

American Institute of Architects Library
1735 New York Ave, NW
Washington, DC 20006
(202) 626-7493

Bibliographic Guide to Art and Architecture

GK Fall and Co
70 Lincoln St.
Boston, MA 02111 (annual)
(617) 423-3990

Building Materials Directory

Underwriters Laboratories
333 Pflingsten Rd.
Northbrook, IL 60062
(708) 272-8800 x2612

Garland Archives

136 Madison Ave
New York, NY 10016
(212) 686-7492

Vance Bibliographies

122 North Charter St
Box 229
Monticello, IL 61856
(217) 762-3831

World Architecture Index

Greenwood Publishing Group
88 Post Road West
Westport, CT 06881-3571
(203) 226-3571

PUBLISHERS

AIA Press

(800) 457-3239

Abbeville Press

(212) 888-1969

Aberdeen Group

(800) 837-0870

Harry N. Abrams

(800) 345-1359

American Arbitration Association

(212) 484-4000

American Institute of Architects Press

(800) 457-3239

American Plywood Association

(206) 565-6600

ANSI (American National Standards Institute)

(212) 354-3000

Arcade Publishers

(510) 763-8225

American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE)

(404) 636-8400

Arts and Architecture Press

(515)292-0140

ASTM (American Society for Testing and Materials)

(215) 299-5585

Auerbach Publishers

(800) 950-1218

Bay Press

(206) 284-5913

BPI Communications

(212) 764-7300

Braziller

(212) 889-0909

Brick House Publishing

(800) 446-8642

National Association of Home Builders

(202) 737-0717

Butterworth Books

(800) 544-1013

Cahners Publishing Company

(617) 964-3030

Cambridge University Press

(800) 431-1580

Center for Environmental Design Research

University of California at Berkeley
(415) 642-2896

Construction Specifications Institute

(703) 684-0300

Cornell University Press

(607) 27-7000

Craftsman Books

(619) 438-7828

Crisp Publications

(415) 949-4888

DSR Publishing

(505) 587-1005

Marcel Dekker

(800) 228-1160

Delmar Publishers

(800) 347-7707

Delta Communications

(312) 222-2000

Design Publications

(212) 695-4995

Doubleday & Co

(800) 223-6834

Dover Publications

(516) 294-7000

Factory Mutual Engineering Corp.

(617) 762-4300

Fairmont Press

(404) 925-9388

Garland STPM Press

(800) 627-6273

Gower Publishing Co

(802) 276-3162

Greenwood Publishing

(203) 226-3571

Halsted Press

(212) 850-6418

Hanley and Belfus

(215) 546-4995

Harcourt Brace Jovanovich

(800) 543-1918

Harper Collins
(800) 242-7737

Harvard University Press
(617) 495-2600

Holt Rinehart & Winston
(800) 782-4479

Housing and Urban Development Agency (HUD)
(800) 245-2691

ICBO
(213) 965-4081

Iowa State University Press
(515) 292-0140

Robert E. Krieger Publishing
(407) 724-9542

Little Books
(303) 758-1282

MIT Press
(617) 253-2884

MacMillan Publishing Co
(800) 257-5755

McGraw-Hill Book Co
(212) 512-2000

Means and Co
(617) 585-7880

Mill Hollow Publications
(212) 741-2095

National Academy Press
(800) 624-6242

National Institute of Building Sciences
(202) 289-7800

National Research Council of Canada
(613) 993-2607

National Technical Information Services
(703) 487-4600

Ohio State University Press
(614) 292-6930

Oxford University Press
(800) 451-7556

Penguin Books USA
(800) 526-0275

Penton Publishing
(216) 696-7000

Pergamon Press
(914) 592-7700

Planners Press
(312) 955-9100

Praeger
(212) 685-5300

Prentice-Hall
(201) 592-2000

Preservation Press
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College of Architecture and Urban Planning
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Avery Index to Architectural Periodicals, (GK Hall, Boston, (617) 423-3999): irregular.

Business Periodical Index, (HW Wilson, Bronx, NY, (212) 588-8400): annual.

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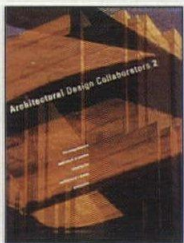


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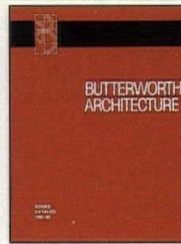
Architectural Resource Consultants 102



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Complementing the high-quality reprints published by the Princeton Architectural Press are books on architectural history and theory, monographs on architects, guidebooks, and academic journals and papers. Each book is illustrated and extensively described in this catalog.

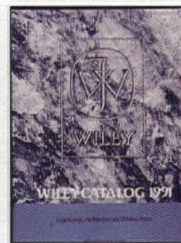
Princeton Architectural Press 103



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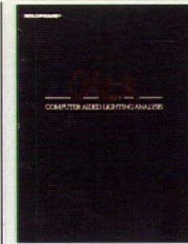
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Engineering/Architecture Books

This catalog gives capsule summaries and a sampling of the contents of the architecture and engineering books published by Wiley. A table of contents, author and title index, and price list are provided, as is information on how to order books and where out-of-print titles are available.

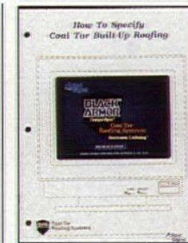
Wiley 104



Lighting Software

Offered by the lighting manufacturer, Holophane, this software enables the user to estimate the number and type of luminaires needed for indoor and outdoor illumination as well as floodlighting and sign and roadway lighting. CALA also generates foot-candle contours for any fixture.

S/Holophane 101



Roofing Software

Entitled "How to Specify Coal Tar Built-up Roofing," this electronic "CADalog" comes on two 5.25-inch disks for use on IBM PC/AT or compatible computers. This literature describes the software and gives a sample specification and detail drawing set.

C,S,D,I/Black Armor 105



Project Insurance

Insuring each project has grown in popularity as the limits on practice insurance have increased. This brochure describes the reasons for project insurance and explains the benefits of this company's "Team-Cover" policies, which can insure every professional involved in a project.

DPIC 106



Architectural Archives

The specialty of this publishing company is monographs on the work of such architects as Mies, Gropius, Burnham, Wright, and Le Corbusier, based on graphic material drawn from the designers' archives. This catalog describes each series.

Garland 107



Building Code Software

Codebuster is a software package that helps in the research of building code requirements. Through a series of questions, the software gathers data about a project, lists requirements that do and don't apply, and emphasizes areas often overlooked in code research.

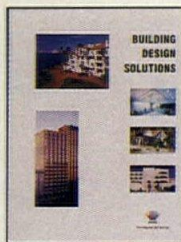
Architech 108



Integrated Software

Designed in a newsletter format, this literature contains articles on the various software packages that this company produces for architects and engineers. Among the packages discussed are it Project Modeler for manipulating 3D models and ModelView for making photo-realistic images.

Integrath 109



CAD Software

This brochure describes the idea of ASG's software: a "core" of various tools and utilities, which allows a user to move easily among the various applications software in areas such as architecture and structural, electrical, and mechanical engineering.

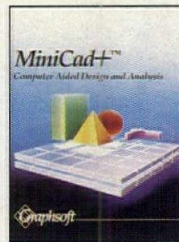
C / ASG 110



CAD on the Macintosh

This brochure describes the extensive capabilities of this company's CAD software. Among its major features are relocatable toolboxes that allow the Macintosh user to edit, locate, dimension, design and view drawings quickly. Benefits include its ease of use and low cost.

DesignCAD 111



Database/Spreadsheet CAD

MiniCad+ 3.0 is a software system that integrates 2D and 3D drawings with database and spreadsheet capabilities, allowing users to attach non-graphic attributes such as size, price, color, brand, or serial number to elements in a drawing. The software runs on the Macintosh.

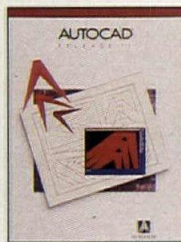
C,D / Graphsoft 112



Pencil/Pen Plotters

These plotters feature an automatic lead holder, capable of holding up to 260 leads, and an automatic paper feed and take-up roller, requiring a minimum of supervision. The plotters can accommodate 0.3mm and 0.5mm leads, as well as ink, ballpoint, ceramic, and disposable pens.

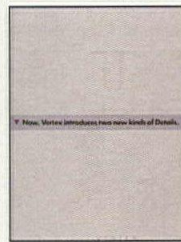
S / Mutoh 113



CAD software

Identified as "the world's best-selling CAD software," AutoCAD is now available in Release 11. Some of its features, listed in this brochure, include enhancements to the software's text and dimensioning capabilities, improved rendering and solids modeling, and multiple view plots.

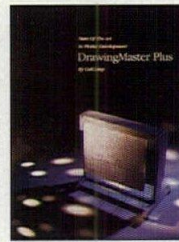
C / Autodesk 114



CAD Details

This CAD software allows a draftsman to either build up construction details from pre-drawn parts or to insert pre-assembled (and easily modified) details grouped by type of construction and building. The software runs on any standard AutoCAD system.

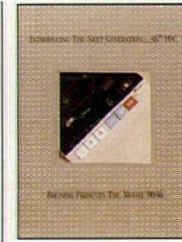
C / Vertex 115



Direct Imaging Plotters

Based on thermal imaging technology, the DrawingMaster Plus series of plotters use heat to activate dyes in specially coated papers or films, which form the desired image. These plotters require no pens, no toner, and no ribbons to replace, and they operate in high- or low-humidity.

CalComp 116



Plain Paper Copier

The Bruning 9036 Engineering Copier can reproduce up to six 24"x36" or three 30"x42" drawings per minute. Copies can come from almost any original, including bluelines and sepias, and the machine can copy onto nine different media, including bond paper and vellum.

S / Bruning 117



CAD on the PC

This CAD software, for use on an IBM PC or compatible computer, allows users to use networks such as Novell's Netware and Artisoft's LANtastic without any reduction in speed. It also can tie into database software, such as dBASE, to link graphic and non-graphic information.

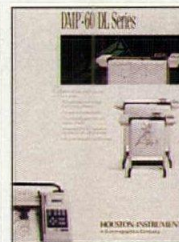
S / ISICAD 118



Animation Software

DynaPerspective 2.0 can quickly convert 3D drawings into surface models and will automatically redraw the image from any perspective, allowing the user to walk around or through a building. Capable of running on any Macintosh II computer, the software can generate animations.

S / Dynaware 119



High Speed Pen Plotters

The DMP-60 DL series of pen plotters is said to plot computer drawings up to three times faster than the competition. The machines feature automatic eight-pen changers for multi-color plotting, increased buffer capacity and enhanced baud rates, and plot optimization to increase speed.

S,T / Houston Instrument 120



Plain Paper Copier

The new 5025 plain paper copier features extra fast copying speeds, the ability to handle sheets up to 36" wide, the automatic handling of toner and copy alignment, and options such as sheet dispensers and humidity controls. The literature give full technical specifications.

S / Ozalid 121

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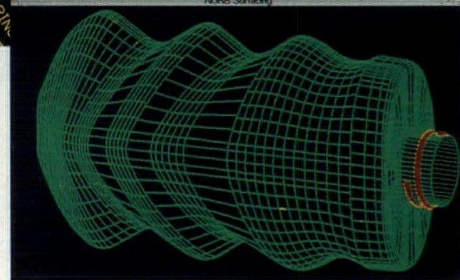
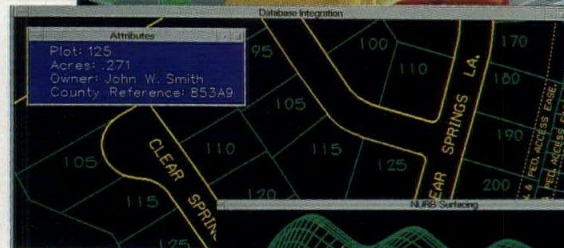
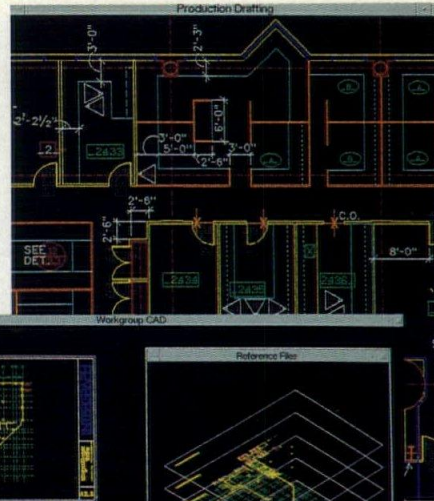
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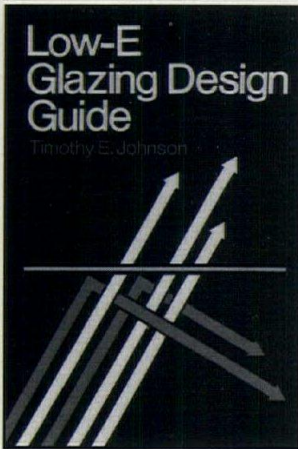
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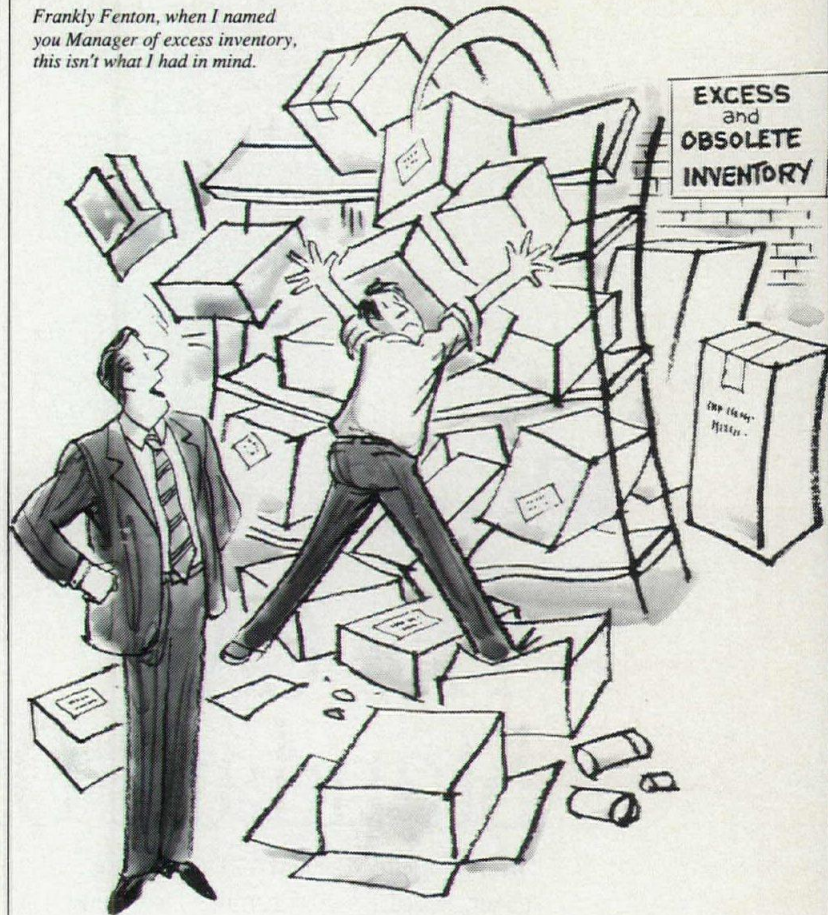
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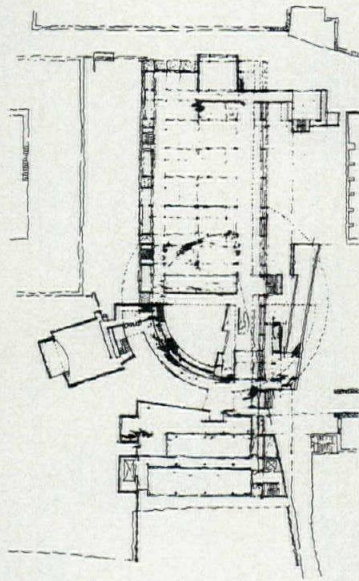
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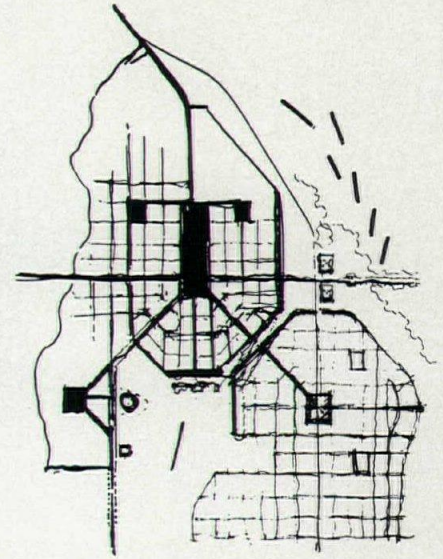
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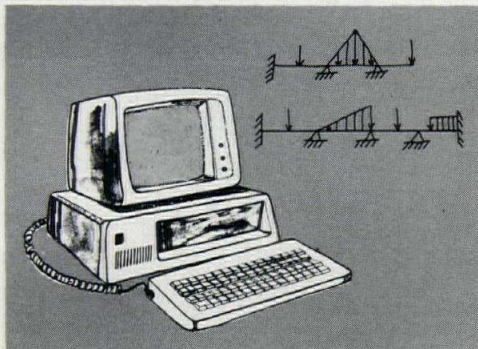
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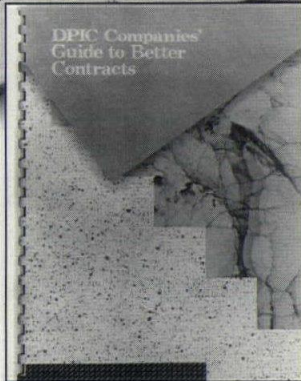
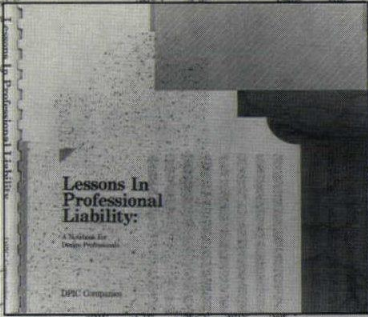
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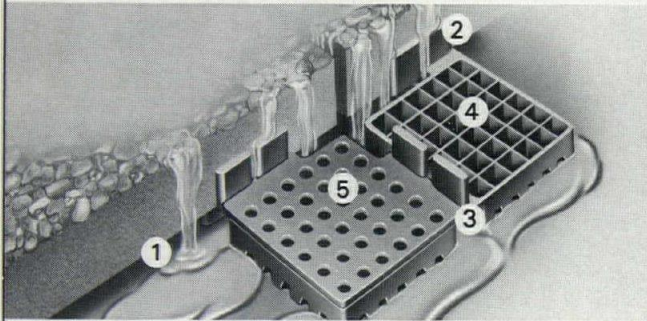
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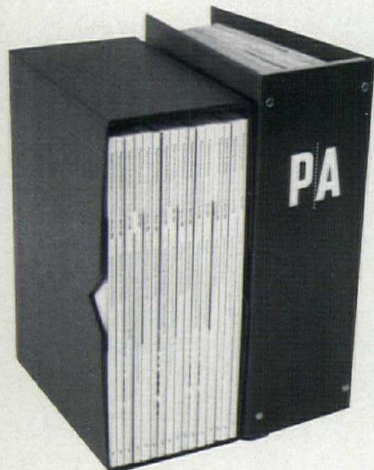
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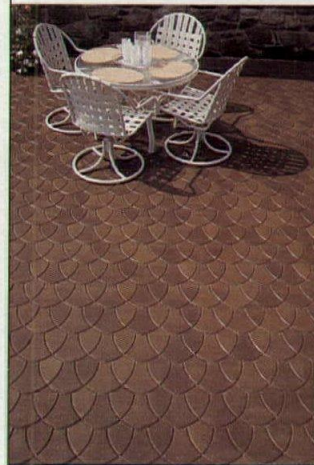
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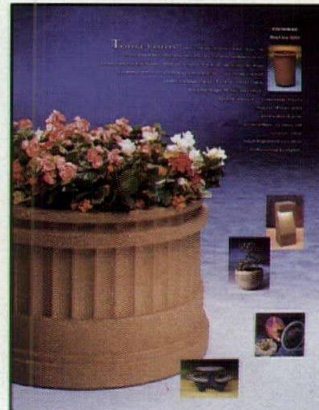
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Terra-Form offers hundreds of standard products

Terra-Form Div. of Wausau Tile, Inc. offers more than 250 precast concrete products. Standard products include waste containers, tables, benches, planters, ash urns, bollards, signs and recreation products. Custom colors, finishes and designs are available. Many products can be customized with cast-in or silk screened logo inserts. Wausau Tile established in 1953. (800) 388-8728.

Wausau Tile, Inc.

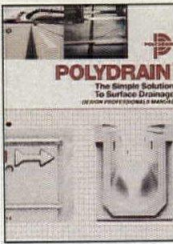
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INTRODUCING A NEW LINE OF STACKING CHAIRS FROM LFI. THEY'RE ELEGANT, TASTEFUL AND EASY TO HANDLE. EVERYTHING STACKING CHAIRS USUALLY AREN'T. CHOOSE FROM TWO DISTINCT DESIGNS, VERONA AND FIRENZE, IN A VARIETY OF MATERIALS. CALL LFI/LANDSCAPE FORMS AT 800-521-2546 TO RECEIVE OUR COMPLETE BROCHURE. (CIRCLE No. 900)

Division 2 – Sitework

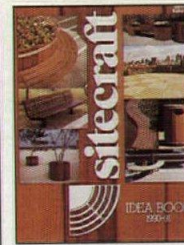
02200 – Retaining Walls, 02500 – Pavers, 02700 – Surface Drainage, 02800 – Site Furniture, 02900 – Landscape Accessories



02700 - Surface Drainage

ABT, Inc. manufactures the poly drain trench system from Poly Dyn, a composite of quartz aggregates and inert mineral fillers bonded with a polyester resin. The manufacturer reports that this polymer concrete has greater strength and corrosion resistance than standard concrete.

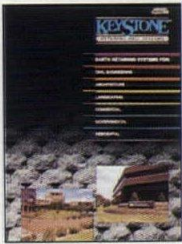
C,D,I,S / ABT 122



02800 - Benches and Planters

Sitecraft features 10 benches, 5 planters, 5 planter-benches, and various other landscape elements in this 15 page brochure. All products are manufactured in clear, California Redwood. Most are also available in Yellow Cedar, Red Oak, Purple Heart, Philippine Mahogany, and Ipe.

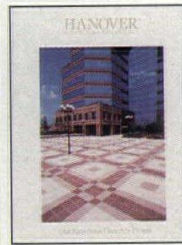
C,D,S / Sitecraft 123



02200 - Earth Retaining Walls

Keystone's gravity wall systems which resist lateral earth pressure incorporate a mortarless, fiberglass, pinned connection of concrete modules. Many colors, surface textures, and unit sizes are possible. The seven page brochure provides design options and construction guidelines.

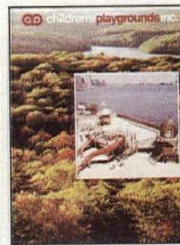
C,D,S / Keystone 124



02500 - Concrete Pavers

In this seven page brochure Hanover Architectural Products features a line of concrete pavers designed to a minimum 1000 psi. A granite-like paver and a semi-polished Terra 220 paver are standard options. A variety of standard and custom colors, and aggregates are available.

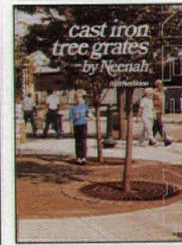
D,I / Hanover 125



02800 - Children's Playgrounds

Wooden, modular design play equipment is featured in in this 80 page catalog. Versions of each basic design are featured, listed by specific site and budget conditions as well as number of children. A section on accessible play equipment for handicapped children is included.

C,D / Children's Playgrounds 126



02900 - Tree Grates

Tree Grates help prevent trees from cracking and buckling their surrounding areas and also protect the tree itself. This 37 page catalog features round, square, rectangular, and hexagonal shapes with a variety of patterns. Advice on planting trees is also included.

C,D,I,S / Neenah 127



02500 - Concrete Pavers

The Concrete Paver Institute provides general and technical background information about the use and installation of concrete pavers. The brochure also explains how to make repairs. Open or gridded units are available in various sizes and colors.

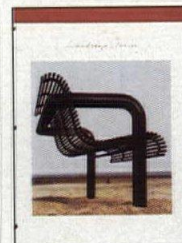
I / Concrete Paver Institute 128



02500 - Paver Pedestals

Pave-El paver pedestals elevate deck surfaces to provide a drainage plane between pavers and the waterproofed supporting structure below. The pedestal itself is a grid-like structure of high-density polyethylene with integral spacer ribs to ensure even joint spacing.

C,D,I,S,T / EnviroSpec 129



02800 - Benches and Planters

In this 23 page brochure, Landscape Forms offers bench and planter designs made of metals, fiberglass, and wood. Litter receptacles and modular seating are also featured. Ten color choices for metal and 18 color choices for fiberglass are shown.

D,S / Landscape Forms 130

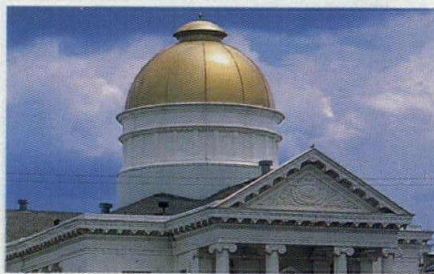


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Peter Claman, architect for the 200 West 60th apartments in New York City, said that *"FRP is a great alternative to*



FRP dome for the Criswell College Library

decorative ornamentation because you can get any color you want and it lasts forever." His composite application was a cornice system fabricated to look like aged copper, a costly endeavor had metal been used.



FRP cornice for the 200 West 60th St. apartments

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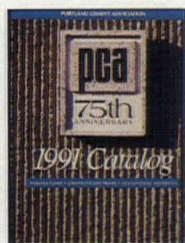
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Division 3 – Concrete

03000 – Concrete, 03100 – Formwork, 03200 – Concrete Reinforcement, 03250 – Concrete Accessories, 03300 – Cast-in-place Concrete, 03370 – Concrete Curing, 03400 – Precast Concrete, 03500 – Cementitious Decks and Toppings



03000 - Concrete

The Portland Cement Association provides information and research through numerous handbooks, engineering and technical bulletins, data sheets, films, and educational courses for all professionals in the cement industry. This catalog lists over 500, such sources.

Portland Cement Association 133



03000/03300 - Concrete

The flexibility of white concrete masonry is fully described in this new brochure. Due to its uniform whiteness and consistent physical properties, Lehigh White Cement is the ideal medium for a variety of colorful designs. The cement also provides moisture resistance and minimal maintenance.

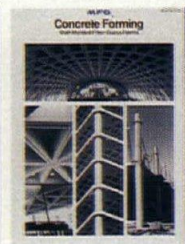
S,T / Lehigh 134



03000/03400 - Concrete

The National Concrete Masonry Association develops and disseminates product standards, information, design concepts and innovative uses for concrete masonry to assist the specifier and architect in designing with concrete. Their 60-page catalog represents all of the material available.

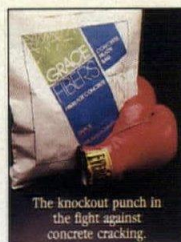
NCMA 137



03100 - Concrete Forms

Molded Fiber Glass offers stock waffle slab and one-piece round column forms. The forms have the advantage of being lightweight, reusable, and simple to place and strip. Custom work is available including triangular shapes and extra-long forms.

I,T / Molded Fiber Glass 138



03200 - Fiber Reinforcement

Grace Fibers are bundles of interconnected strands of polypropylene that separate into individual fibers in the concrete mix. The fibers resist cracking produced by drying and plastic shrinkage. The material comes in a concrete-ready bag which is added, unopened, to the mixer.

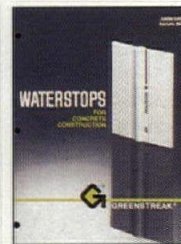
I,S,T / Grace 131



03200 - Fiber Reinforcement

Fibermesh-reinforced concrete is used to reduce concrete stress cracking. Fibermesh fibers "bridge" cracks that develop, which inhibits further crack growth. Among its many features, this product can also resist shattering, impact, and abrasion.

S,T / Fibermesh 135



03250 - Concrete Accessories

Plastic accessories for concrete construction and expansion joints are this company's specialty. Selection criteria charts, installation and usage guides, and selected details describe the many serrated, dumbbell, and split waterstops manufactured by Greenstreak.

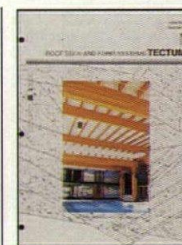
C,D,S / Greenstreak 139



03400 - Lightweight Concrete

Syndecrite is a lightweight concrete material that reportedly resists chipping and cracking better than conventional concrete and that weighs half as much. Natural minerals and scrap materials from industry are used as aggregates.

S,T / Syndesis 132



03500 - Concrete Roof Panels

Tectum roof decks are composed of aspen wood fibers bonded with a hydraulic cement to form continuous panels, planks, or tiles. Tectum systems include a composite product comprised of a 1 1/2" thick Tectum panel, Styrofoam brand insulation, and waferboard.

C,D,S,T / Tectum 136

Other Relevant Products:

Custom Products - coatings 396

Larsen - bonding agents 397

Thoro - underlayments 398

Division 4 – Masonry

04100 – Mortar and Masonry Grout, 04200 – Unit Masonry, 04400 – Stone, 04500 – Masonry Restoration and Cleaning, 04700 – Simulated Masonry



04100 - Mortar

Laticrete 8510 Hi-Strength Admix can be used in prefabricated masonry panels, single wyeth walls, load bearing walls, and masonry detailing. Thin durable coatings can be made by mixing laticrete with stucco and pool plasters, or with Portland cement for concrete repair.

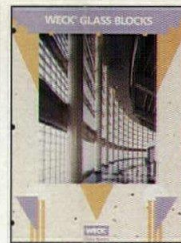
C,T / Laticrete 142



04200 - Masonry Products

W. R. Grace produces a complete system of products for single wyeth masonry structures. These products include blocks, admixtures, insulation, expansion joint fillers, mortar, flashing, and sealants. The catalog gives recommended applications and product characteristics.

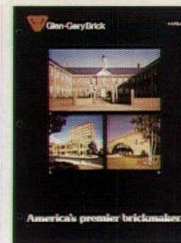
I,T / W. R. Grace 143



04200 - Glass Brick

The emphasis of this brochure is the strength, beauty, and fire protection that comes as a result of specifying glass blocks. Reinforcement channels make installation easier, stronger, and smoother. Textures, patterns, and tones are shown with matching end blocks.

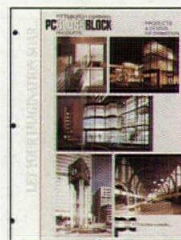
D,I,S / Weck-Glashaus 140



04200 - Custom Brick

Glen-Gery makes extruded, molded, handmade, and glazed bricks, pavers, copings, and sills as well as contemporary radial, lip, and corner configurations. The manufacturer will also produce custom shapes to a designer's specifications.

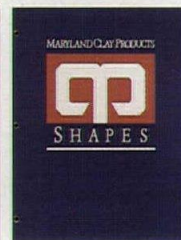
D / Glen-Gery 141



04200 - Glass Blocks

Pittsburgh Corning's Glass Block brochure focuses on the diversity of product applications. Hollow, solid, and corner units are shown, with features such as solar reflectivity, security, and insulation values. The brochure also shows a chart of sizes and weights.

C,D,I,S,T / Pittsburgh Corning 144



04200 - Custom Brick Units

In addition to standard sizes, Maryland Clay Products produces an almost limitless variety of brick shapes. The catalog is a guide to traditional shapes and also makes recommendations for custom details. Twenty brick colors and finishes and a sampling of shapes are shown.

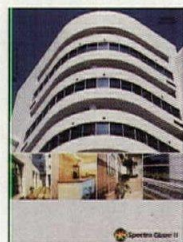
D / Maryland Clay Products 145



04200 - Structural Tile

Used primarily in institutional applications, these glazed tiles are durable, energy efficient, and fire resistant. The brochure shows the tiles in interior and exterior uses, resistant to graffiti, scratching, peeling, fading, and corrosion.

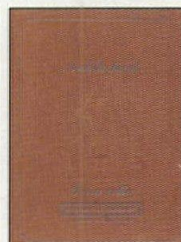
D,T / Stark Ceramics 146



04200 - Unit Masonry

Burns and Russell has been manufacturing masonry products since 1790. Spectra-Glaze units are lightweight modular concrete block with a permanent glazed facing on one or more surfaces. A full range of standard shapes and sizes is available.

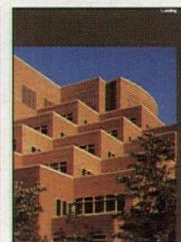
C,D,T / Burns & Russell 147



04200 - Terra-cotta

Terra-cotta is a reliable and durable material for use in vitrified wall copings, chimney tops, and flue linings as well as in custom ornamental applications. Fiaence, a process of color glazing, and a diversity of texture finishes make terra-cotta adaptable to a diversity of applications.

C,D / Superior Clay Corporation 148



04200 - Brick

Standard, custom, and sculptured brick and concrete masonry units, as well as chimney liners, patio pavers, and landscape bricks are manufactured by the General Shale Corporation. The catalog features 89 color samples and 34 shapes.

C,D / General Shale 149

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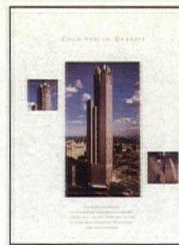
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04400 - Granite

With 29 quarries the Cold Spring Granite Corporation offers a wide variety of stone colors and an efficient manufacturing base. The brochure illustrates several interior and exterior commercial installations, has a technical section and, section on color and finish options.

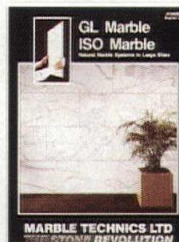
C,D,I / Cold Spring Granite 150



04400 - Granite

North Carolina Granite Corporation's white granite, as well as rose, pink, gray and green granites from Pennsylvania, Georgia, and Dakota quarries are shown in this catalog. The company will help the designer in custom applications.

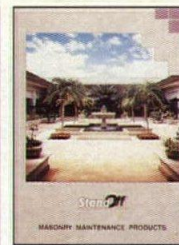
C / North Carolina Granite Corporation 152



04400 - Marble Sheathing

A glass fiber or steel mesh and epoxy backing gives marble cut as thin as 1/4" the strength to be installed using thin-set tile adhesives. Prefabricated bathroom assemblies, wall panel systems up to 5' by 10', exterior cladding, and interior flooring are standard products of this process.

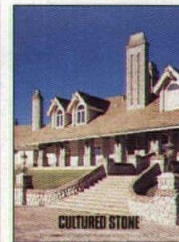
C,D,I,S / Marble Technics 154



04500 - Masonry Maintenance

The Stand Off line of masonry maintenance products, helps prevent water, oils, greases and resinous materials from penetrating into the masonry substrates. Stand Off treatment does not form a film, does not darken masonry and does not create a glossy appearance.

Pro So Co., Inc. 151



04700 - Simulated Masonry

Cultured Stone employs Portland Cement, lightweight aggregates, and iron oxide colors. Hundreds of individual molds help reduce repetition. Driftstone, castle stone, fieldstone, river rock, and Hawaiian moss rock are among the many styles available.

C,D,I,T / Stucco Stone 153

Other Relevant Products:

Custom Products - concrete 399
Custom Products - mortar 400
Euroglass - glass blocks 401
International - granite/marble 402
Lodestar - stone 403

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Ramsey/Sleeper

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From *Architectural Graphic Standards, Eighth Edition*
Edited by James Ambrose

This abridged version of *Architectural Graphic Standards, Eighth Edition*, contains all the reference material needed to design and build small-scale residential and commercial construction. Includes a comprehensive list of references.

0471-54371-3 1991 467 pp. \$85.00

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Norbert Lechner

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Jay Bannister

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Mark C. Zweig

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0471-63374-7 1991 294 pp. \$55.00

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James Ambrose and Peter Brandow

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0 471-53029-8 1991 350 pp. \$44.95

Simplified Site Engineering for Architects and Builders, Second Edition

Harry Parker and John W. MacGuire
Prepared by James Ambrose

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0 471-52809-9 1991 275 pp. \$45.95

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0 471-52502-2 1992 1,500 pp. \$64.95

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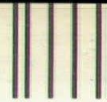


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Division 5 – Metals

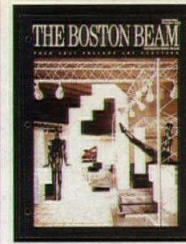
05010 – Metal Materials, 05030 – Metal Coatings, 05050 – Metal Fastening, 05100 – Structural Metal Framing, 05500 – Metal Fabrications, 05700 – Ornamental Metal, 05800 – Expansion Control



05050 - Metal Fastening

This catalog illustrates many ways in which Simpson Strong Tie connectors may be installed in existing or new wood structures to strengthen them and increase earthquake safety. The diagrams are clearly depicted and labeled. Allowable load capacities are listed as well.

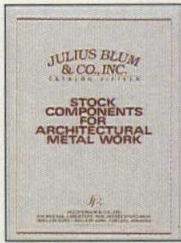
C,D,I,S / Simpson 155



05100 - Steel Space Frame

The Boston Beam is an interior space frame used for signage and graphics, or as a support for lighting fixtures, fans, or awnings. The system, consisting of straight lengths, 90° and 45° angles, cross-beam connections, and T-junctions is constructed of steel tubing and wire webbing.

I,S / Boston Retail 156



05010/05700 - Metal Components

This 132-page book includes photographs, drawings, dimensions, availability, and installation procedures for every metal component made by this company. Railings, thresholds, saddles, and expansion joints are all shown.

C,D,I,S,T / Julius Blum 157



05030 - Metal Coatings

Petersen's 'Finishes on Metals' booklet is a condensed article, written in laymen's terms, concerning the variety of finishes available for metals. Among the finishes described are porcelains, polyurethanes, anodized, and fluoropolymers. Some technical data is provided.

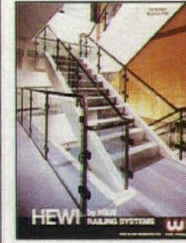
Petersen 158



05050 - Metal Fastening

This 80-page catalog is designed to assist specifiers in the selection of spring steel fasteners and support products for construction and maintenance. Each fastener is clearly illustrated. Special products can be designed for specific needs.

C,D,I,S / B-Line 159



05700 - Ornamental Metal

W & W Glass makes a railing system together with HEWI. The joint venture results in a colorful nylon railing that is virtually unbreakable and resistant to chemicals. The railing is ideal for heavy traffic areas and can be specified in 13 vibrant colors.

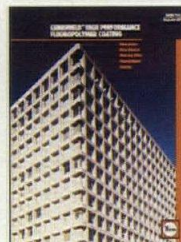
W & W Glass 160



05010/05500 - Metal Fabrications

Sheet Copper Applications is a 56-page design handbook divided into five sections which cover design examples and details, standard flashing and expansion joint details, full specifications, and properties of copper as related to corrosion and weathering.

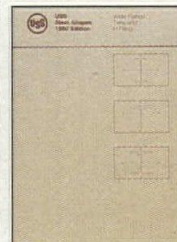
C,D,S,T / Copper Development Association 161



05030 - Metal Coatings

Lumishield is an advanced fluoropolymer coating of extreme durability. Available in over three hundred colors, the coatings can be specified with a special additive which blocks 100 percent of UV light, yet is transparent.

S,T / Thoro 162



05100 - Structural Steel

The dimensions, weights, and properties of various steel shapes are given in this 30-page manual for designing and detailing purposes. General information and standard steel mill practice are provided at the back. High-strength, low-alloy Cor-Ten steel is also described.

C,D / U.S. Steel 163



05600 - Ornamental Iron

Decorative fountains, streetlights, and furniture are illustrated in this catalog. A sample listing of stock items includes a Romanesque Revival pedestal, Grecian bench, Italianate planter, and Victorian bollards. The company will also make custom castings.

D,I / Robinson Iron 164

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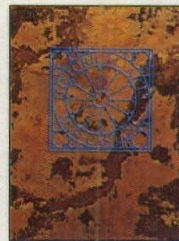
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05700 - Handrails

Hewi railings consist of a continuous steel core covered by solid nylon material, and secured by steel bolts and supports. A full-size scaled cutaway photograph indicates all of the components of the handrail. Construction details are presented for both the straight and the elbow supports.

C,D / Hewi 165



05700 - Ornamental Metal

Cast metal elements including cast-iron storefronts, cast-bronze light fixtures, and ornate metal railings, are made by Historic Arts and Casting for restoration projects as well as new construction. The company also uses new types of alloys and cast aluminum.

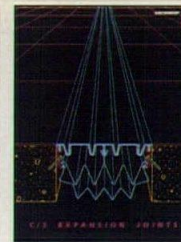
D,I / Historical Arts & Casting 167



05700 - Handrails

Ornamental handrails finished in glass, wood, and metal, are featured in this 11-page catalog. Details accompany each product listing and many applications are illustrated. Posts, post mounts, and brackets are listed.

C,D / Newman Brothers 169



05800 - Expansion Joint Covers

Aluminum expansion joint covers and seals are expertly detailed in Con-Spec's 14-page brochure. Each cover or seal is clearly explained and each detail well-labeled. Other items manufactured are stainless-steel fire barrier systems and seismic expansion joint covers.

C,D,I,S / Con-Spec 166



05800 - Expansion Joint Covers

Balco has just come out with a new product called 'SAF-T-GLO.' It is a self-illuminating, maintenance-free stair nosing that is especially helpful to the handicapped. Balco's single component stair nosings are suitable for general, low-traffic, and special applications.

C,D,I / Balco 168

Other Relevant Products:

Follansbee - metal roofing 404
Bethlehem - roofing/flashing 405
Chelsea - ceilings 406
Chicago Metallic - ceilings 407
Mero - spaceframes 408
Shanker - ceilings 409
Stairways - metal stairs 410
Insulated Panel System - wall panels 411
Normbau - handrails 412
Pre-Finish Metals - reflective material 413

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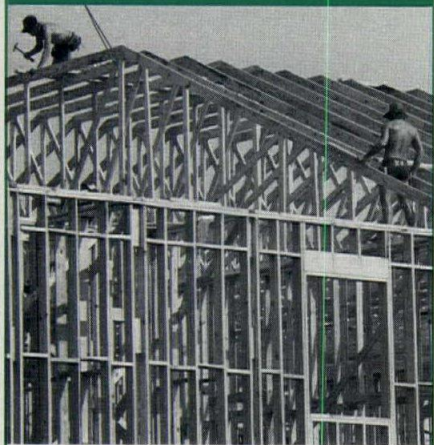
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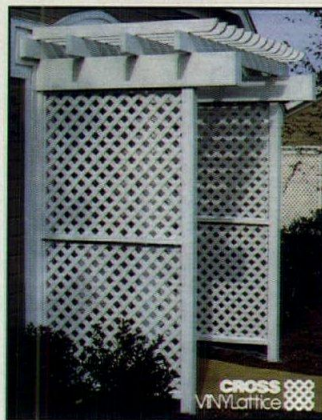
One fact is unchanged: Southern Pine retains its position as the strongest species for trusses and other structural applications.

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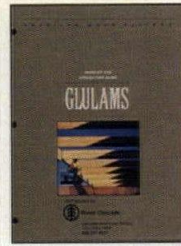
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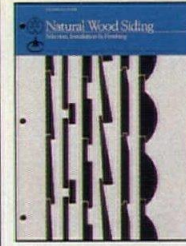
Division 6 – Wood and Plastics

**06050 – Fasteners and Adhesives, 06100 – Rough Carpentry
06130 – Heavy Timber Construction, 06150 – Wood and Metal
Systems, 06170 – Prefabricated Structural Wood, 06200 – Finish
Carpentry, 06300 – Wood Treatment, 06400 – Architectural
Woodwork, 06500 – Structural Plastics, 06600 – Plastics
Fabrications, 06650 – Solid Polymer Fabrications**



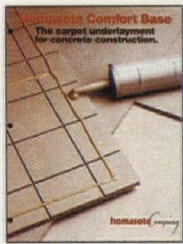
06170 - Laminated Beams

This 22-page brochure describes the glued laminated beams (Glulams) manufactured by members of American Wood Systems. Section properties and capabilities of the Glulam beams are included as well as useful reference tables specifying allowable loads and spans for Glulams.
D,S / American Wood Systems 170



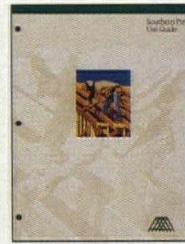
06200 - Wood Siding

This technical guide makes recommendations on the selection, installation, and finishing of wood siding. Seven siding profile are shown, and conditions for the use and nailing instruction of each is made. A bibliography is also provided.
C,D,I,S / Western Wood Products Association 171



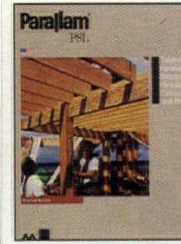
06124 - Underlayment.

The high density fiber board is designed to provide a soft glueable surface for applications over concrete slabs. Used as an underlayment for carpets, wood, and tile floor coverings, the product, made from recycled newspapers, contains no asbestos or formaldehyde.
D,I,S / Homasote 172



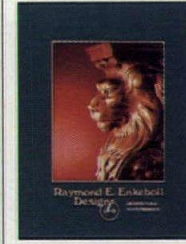
06100 - Southern Pine

This 24 page manual includes empirical design values for dimensional pine lumber. Adjustment factors, span tables, and grade descriptions are included. There is also a section of recommendations on pressure-treated lumber, including marine applications.
D,S,T / Southern Pine Marketing Council 173



06170 - Structural Wood

Parallam, used as beams, headers, posts, and columns, is a parallel strand lumber product made from domestic Douglas fir and southern pine. Load tables, photographs of applications, and diagrams illustrating connection details are included in the literature.
C,D,I,T / MacMillan Bloedel 174



06400 - Carved Wood

Highly ornate machine-doweled, routed, and carved solid oak and maple architectural details are shown in this brochure. Casings, mantel assemblies, corbels, balusters, columns, and finials are a few of the products illustrated.
D / Raymond E. Enkeboll 175



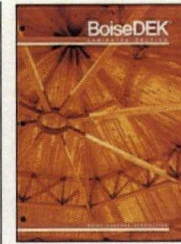
06122 - Sheathing

This non-veneer plywood substitute is recommended for use as sheathing, flooring, lap and panel siding, soffits panels, exterior trim, and concrete forms. The three layers of strands are sandwiched together to be a structurally uniform product that is water and warp resistant.
C,D,I,T / Louisiana Pacific 176



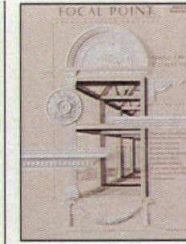
06400 - Redwood Lumber

This guide to redwood lumber describes the benefits and uses of the several grades of redwood available. A chart outlines the performance characteristics of all major types of construction woods, and another section of the literature addresses forest preservation.
T / CA Redwood Association 177



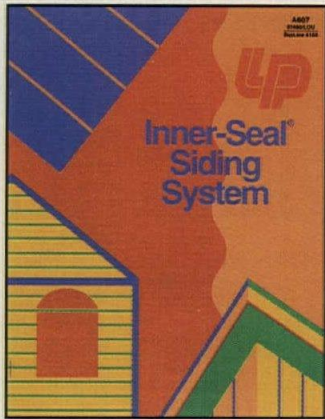
06170 - Laminated Decking

This roof decking, made of laminated and machined soft-woods, is meant to be exposed. The catalog describes the available wood grades, textures, and structural loading. Drawings show various insulated deck assemblies.
C,S,I,D / Boise Cascade 178



06400 - Ornament

Focal Point manufactures a range of mouldings, columns, medalions, and other ornamental details from polymers and fiberglass, all displayed in this 27 page catalog. A line of mouldings and domes made from fire-rated materials are also included.
C,D,I,S,T / Focal Point, Inc. 179

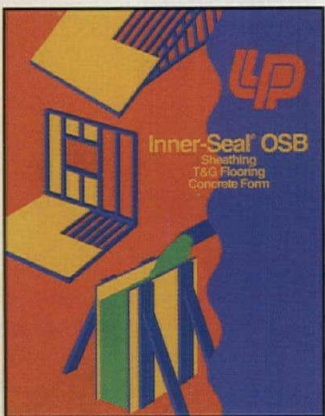


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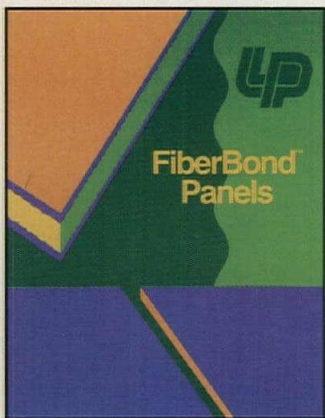


Inner-Seal OSB Panel Systems

This non-veneer fire-rated panel can be used for sheathing, flooring, lap and panel siding, and concrete forms. These are easy-to-install panels in a range of sizes and thicknesses for residential and commercial use.

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FiberBond

FiberBond is a fiber-reinforced gypsum panel for use in interior walls and ceilings in both standard and fire-rated applications. The panels provide solid, impact-resistant surfaces that offer excellent sound control, thermal insulation and moisture resistance. Panels are ready for final decoration without joint taping; only joint compound application.

Louisiana-Pacific

Reader Service No. 895



06200 - Laminates

This package includes sample and technical information on Micarta, a line of high-pressure decorative laminates. Solid colors, and leather, stone, marble, and wood-grain patterns are shown. Post form and gloss options are available. The literature also describes the laminate process.

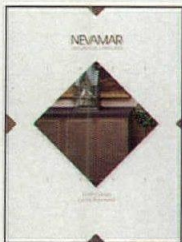
D,I,S,T / Micarta Westinghouse 180



06400 - Plastic Laminates

Beautifully designed and photographed, this brochure illustrates Wilsonart's new line of textured laminates. Among the textures available are rift grain, embossed grid, mirror finish, and slate.

Ralph Wilson Plastics 182



06400 - Decorative Laminates

The sheet laminates shown in this brochure are available in solids, patterns, and textures for custom applications. The colors coordinate with Kohler's line of plumbing fixtures, and applications of the laminates include locker rooms, restaurants, kitchens, and furniture.

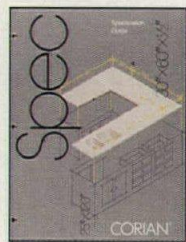
S / Nevamar 184



06600 - Solid Plastic Surfaces.

Surell - a newly reformulated, cast, homogeneous, solid surface material - is made in sheets and forms for vanities, backsplashes, shower bases, and lavatory bowls. The material can be fabricated and seamed to meet custom specifications and sandblasted, routed, and inlaid.

D,T / Formica 181



06650 - Solid Plastic Surfaces

Corian is available in three standard thicknesses with 15 sheet colors and seven color inlays. In the product catalog, the pre-formed sinks and lavatories are clearly photographed as well as drawn and dimensioned in section and plan. The guide shows cabinet and counter top assemblies.

C,D,I,S,T / Dupont 183

Other Relevant Products:

American Plywood Association 414

Aristocast - moldings 415

Chadsworth - columns 416

Contact Lumber - oak trim 417

Domtar - decorative panels 418

Eggers - arch panels 419

Kentucky - millwork 420

Maze - nails 421

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Oberflex - wood veneer 423

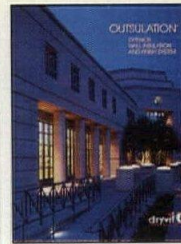
Rutt - custom cabinets 424

Touch Down - adhesives 425

Wind Lock - screws 426

Division 7 – Thermal & Moisture Protection

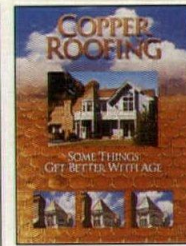
07100 – Waterproofing, 07200 – Insulation, 07240 – Exterior Insulation and Finish Systems, 07300 – Shingles and Roofing Tiles, 07400 – Manufactured Roofing and Siding, 07500 – Membrane Roofing, 07600 – Flashing and Sheet Metal, 07700 – Roof Specialties and Accessories, 07800 – Skylights



07240 - EIFS

Among the Outsulation series, Federlite panels are plant-fabricated and may be adhered to approved substrata or mechanically fastened to structurally sound back-up structures, while Metalite panels employ galvanized steel supports as their substratum.

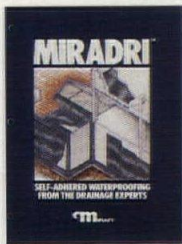
T / Dryvit 185



07300 - Roof Shingles

Tegola's Prestige shingles combine fiberglass-reinforced asphalt shingles with copper bonded to the top surface. They are lightweight and weather to the green patina for which copper is famous. Sample specifications are available upon request.

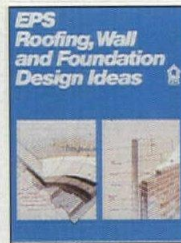
D / Tegola 186



07100 - Waterproofing

Mirafi manufactures a complete line of waterproofing, drainage, and sedimentary and erosion control products. The Miradri waterproofing system consists of a high-strength membrane, a primer for wall preparation, and a mastic to seal termination points.

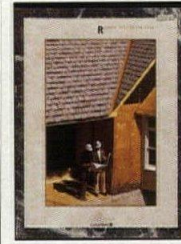
S,T / Mirafi 187



07100 - Rigid Insulation

Expanded polystyrene insulation is a closed-cell, resilient, foamed plastic available in boards and panels for roof, wall, and foundation. This 11-page brochure contains design ideas, details, and illustrations for each application. Foil-faced boards or metal sheathed panels also are available.

EPS 188

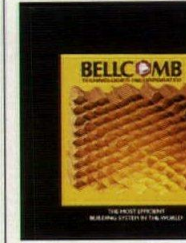


07300 - Shingles and Roofing Tiles

A collection of shingles in an assortment of colors is displayed in this illustrated catalog.

Information is provided on topics such as color, code conformance, warranty, and regional availability.

D,I / CertainTeed 189



07400 - Building Panels

To reduce demand on timber resources, this company produces building panels with honeycomb cores that use younger trees, and less of them. The ten-part Building System includes structural members, splines, connection pieces, and panels.

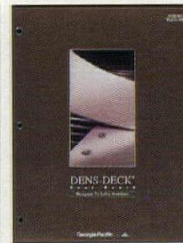
C,D,T / Bellcomb 190



07100 - Water-Repellent Coating

Sto employs silicone technology for its new emulsion-based coatings for cementitious and masonry surfaces. Sto Silco Lit, a trowel or spray applied plaster-type finish, offers unique textures with the same water repellancy and vapor permeability.

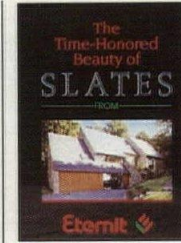
Sto 191



07200 - Insulation

Georgia Pacific makes a series of sheathing, backing, and roofboards that combine inorganic fiberglass surfaces with silicone-treated gypsum cores. The latest addition is 'Dens-Deck' roofboard, designed to provide thermal and moisture resistance and high adhesion qualities.

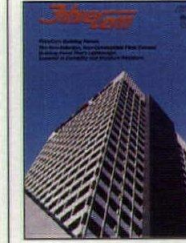
C,D,S,T / Georgia-Pacific 192



07300 - Roof Tile

Eternit slates are fibre-cement, pre-punched roofing tiles. The slates are textured and feature rough hewn edges. A non-combustible roof system can be specified which uses Eternit tiles. Eterlite, a fibre-reinforced cement sheathing is also an option.

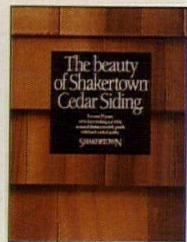
Eternit 193



07400 - Building Panels

Fiber-reinforced building panels are used in interior and exterior applications for residential and commercial buildings. Smooth or textured surfaces are available in a variety of colors. A 20 year warranty covers structural integrity.

D,S,T / Fibre-Cem 194

**07400 - Siding**

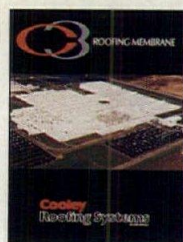
This company produces hand-applied natural cedar shingles in 8 ft. panels for easier installation, which according to the brochure, go up twice as fast as lap siding. In the 'Fancy Cuts' line, 9 patterns are available, including hexagon, diagonal, and a combination of shapes.

Shakertown 195

**07400 - Vinyl siding**

A well-designed, well-photographed 28-page brochure has a beautifully drawn product description and dimension section. Material specifications are carefully explained and test results clearly presented.

C,D,T/Wolverine 196

**07500 - Membrane Roofing**

Cooley C3 roofing membrane is a white polyester-reinforced thermoplastic alloy based upon a DuPont product. Seams are hot-air welded. Laboratory tests have demonstrated resistance to cracking, discoloration, and blistering.

D,I,S,T/Cooley 197

**07500 - Membrane Roofing**

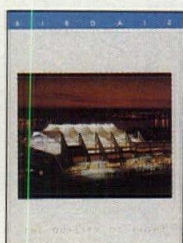
Thermoplastic, reinforced single-ply roofing systems are available in 21 colors. The colors can be used to create low-cost signage on roofing systems visible from upper storeys or surrounding terrain. Hot-air welding eliminates the use of sealants and adhesives.

Sarnafil 198

**07400 - Roofing**

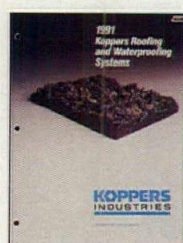
For over three decades, Steelite has been fabricating metal roofing and siding panels for industrial, commercial, and institutional buildings. Various core metals, profiles, finishes, and colors are available. The corrugated panels can now be used in curved profiles with mitered corners.

C,D,I,S,T/Steelite 199

**07500 - Membrane Roofing**

Since 1956 Birdair has been a leader in the development of materials and technologies for fabric structures. Sheerfill glazing was introduced in 1973 as the first Teflon coated fiberglass fabric. Complete design, fabrication, construction, and installation assistance are provided.

Birdair 200

**07500 - Membrane Roofing**

This 27-page brochure offers thorough descriptions of Koppers' various built-up roofing systems. Among the roof products manufactured by Koppers are bitumen and modified-bitumen membranes, flashing membranes, soft cements, and reflective roof coatings.

C,D,I,S,T/Koppers 201

**07100/07500 - Roofing**

A 54-page specification manual gives detailed information and construction drawings for modified bitumen roof membranes. The guide covers general requirements for steel, concrete, and wood roof decks. Installation requirements are specified, and tear sheets are given.

C,S/U.S. Intec 202

**07400 - Building Panels**

Fiber-cement boards available as flat building panels, corrugated building panels, and industrial roof decking are manufactured by this company. Used for interior and exterior applications, the panels are incombustible, resistant to chemicals, and non-water-degradable.

D,S,T/Supradur 203

**07400/500 - Roofing**

Carlisle offers five roofing systems with accompanying accessories. The mechanically fastened systems are lightweight and easily installed. The ballasted systems are designed for dead-level roofs that can support the weight of the ballast.

C/Carlisle 204

**07200/07500 - Membrane Roofing**

A complete line of commercial insulation, roofing felt, fiberglass insulation, and roofing asphalt is manufactured by Owens/Corning. Five page brochures describe each product, its performance, and design considerations. Technical data and fire ratings are given.

T/Owens/Corning 205


**07400 - Roofing and Siding**

Architectural panels and components can be applied over solid wood or metal decking with a minimum slope of 3 in 12. The panels feature an integral locking system and can be custom-cut to match specifications.

C,D,I,S/ECI 206

PAC-CLAD[®]

Metal Roofing Panels

 PAC-CLAD Metal Roofing Panels figure prominently on the recently completed Saddlewood Retail Center in Naperville, Illinois. The Architect, Healy Snyder Bender & Associates, selected Colonial Red PAC-CLAD for the roofing panels and Forest Green for the adjacent metal trim. Both colors serve to complement the extensive use of rough-hewn cedar on the project.

Perhaps the best attribute of the metal work is something you can't see. **PAC-CLAD Panels feature in-line tension leveling.** The result is a panel that exhibits **superior flatness.** Tension leveling is available to our customers at no extra charge.

PAC-CLAD is available from stock in twenty standard colors and is provided with a twenty year warranty covering finish performance. Make sure your next project is the center of attention . . . specify PAC-CLAD.

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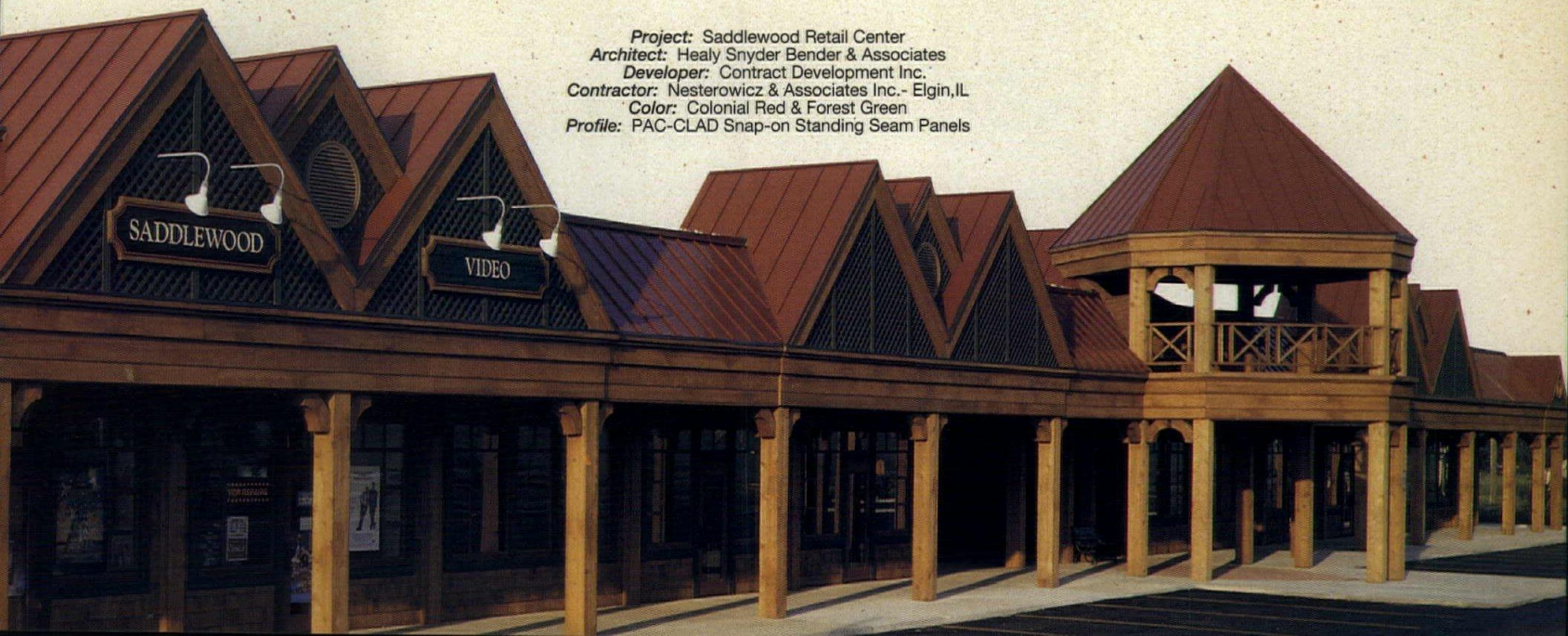
955 Estes Avenue, Elk Grove Village, Illinois 60007
1-800-PAC-CLAD or 1-708-228-7150 FAX: 1-800-722-7150

Other Plant Locations:

Annapolis Junction, MD Tyler, TX
1-800-344-1400 1-800-441-8661

Circle **No. 877** on Reader Service Card

Project: Saddlewood Retail Center
Architect: Healy Snyder Bender & Associates
Developer: Contract Development Inc.
Contractor: Nesterowicz & Associates Inc.- Elgin, IL
Color: Colonial Red & Forest Green
Profile: PAC-CLAD Snap-on Standing Seam Panels

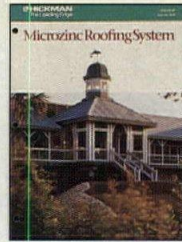




07400 - Manufactured Roofing and Siding

A 28-page brochure clearly describes and details snap-seam and batten-seam roofs, curved roofing systems, and several wall panel systems. The wall framing systems use simple connections and can be adjusted to any surface or shape.

AEP-Span 207



07600 - Flashing and Sheet Metal

Hickman's microzinc roofing system is an architectural sheet metal made from a Zinc-Copper-Titanium alloy. It can be used in direct contact with mortar or concrete. A grey patina develops naturally. Five standing seam designs are available.

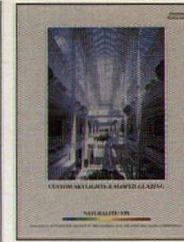
C,S / Hickman 208



07700 - Roof Accessories

Expandable flashing, joint covers, and flexible drains are among the 10 roof accessories described, detailed, and specified in this 35 page catalog. Installation guides and suggestions for avoiding roof leaks are also included. Elaborate details are crisply drawn.

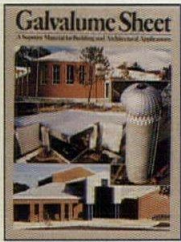
C,D,S / Manville 209



07800 - Skylights

Sloped glazing and custom and standard skylights are diagrammed, dimensioned, and illustrated in two 11-page brochures. Continuous and ridge type skylights, along with vents, hatches, and scuttles are among the products listed. Explanatory details accompany each product.

C,D,S,T / Naturalite 210



07400 - Roofing and Siding

Galvalume sheet roofing is lighter than either a built-up or a single-ply system. When used in standing seam roofs, a low slope can be used and still achieve good drainage. Galvalume sheet can be lock or roll-formed; and in some instances it can be custom designed.

D,S,T / Bethlehem Steel 211



07600 - Flashing & Sheet Metal

Standing seam roofing, zip-rib structural roofing, and "custom-form" roofing panels and siding offer the architect and specifier a wide array of roofing options. Mansards, soffits, fascias, and cornices are designed and fabricated for new, retrofit, and restoration projects.

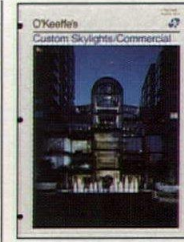
C,D,T / Merchant and Evans 212



07800 - Skylights

The manufacturer of these commercial skylights offers three standard structural systems: small span, large span, and I-Beam for large spans where the I-Beam profile is preferred to a tubular configuration. Hard-line drawings accompany color photographs for each product.

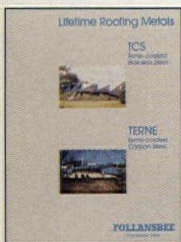
C,S / Bristolite 213



07800 - Skylights

O'Keefes manufactures skylights for custom and commercial installation. The 15-page brochure documents numerous applications and includes glazing selection guidelines, standard glazing details for typical systems, and standardized extrusion selections.

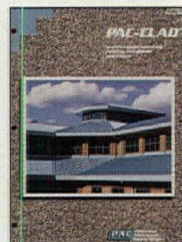
C,I,S / O'Keefes 214



07400 - Roofing and Siding

Terne has been used on roofs for over 200 years, and for the past 30 years, a stainless steel core has also been manufactured called TCS. Terne and TCS are both used for commercial, industrial, institutional and residential buildings.

Follansbee 215



07400 - Roofing Panels

This 28-page color brochure describes the company's integral, snap-on, and flush metal panel roofing systems. Applications, details, color selection charts, technical data, and installation guidelines are all provided. Full specifications and flashing and trim details are also included.

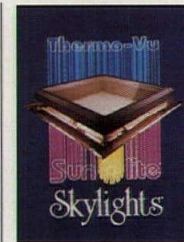
C,D,S,T / Petersen 216



07800 - Translucent Sandwich Panels

Fiberglass sheets are permanently bonded to a grid core of interlocked aluminum I-beams to create a sandwich panel used in skylight and skyroof applications. Curved or flat panels can be prefabricated and pre-engineered to fit a variety of design needs.

C,D,S / Kalwall 217



07800 - Skylights

Thermo-Vu Skylights come with 5 year warranties on materials and workmanship. Insulated glass is guaranteed for 10 years against seal failure. Aluminum frames and vinyl curbs and flashing can be accommodated with insulated glass or acrylic.

D,S / Thermo-Vu 218

IF YOU THINK THE COST OF A COPPER ROOF IS SKY-HIGH, THINK AGAIN.

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CAD from CDA

Often, the cost of a copper roof is inflated by unforeseen errors in the initial design. To help architects spot these problem areas up front, CDA offers CAD details and specifications. Other design aids available include full detail and specification handbooks.

Preformed panels cut installation costs.

The use of preformed copper roofing panels can reduce the costs of installation and on-site work for many designs. These panels are made to your specifications by the same manufacturers who preform other roofing materials—and preforming copper costs no more than for other metals.

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Automatic roll formers and seamers can speed up installation on some roofs by as much as 30% over traditional techniques while achieving a uniform, more consistent look. And many times, forming copper on site can help you save significantly on materials, fabrication and transportation costs.

Use experienced contractors.

An experienced contractor is familiar with copper. He can spot a problem before it costs you time and money. If you can't locate an experienced contractor in your area, CDA can help.

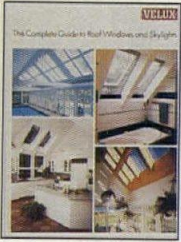
For information on any aspect of architectural copper, call 1-800-CDA-DATA. Or write: Copper Development Association Inc., Box 1840, Greenwich, CT 06836-1840. In Canada, call (416) 421-0788. Or write: Canadian Copper & Brass Development Association, 10 Gateway Boulevard, Suite 375, Don Mills, Ontario M3C 3A1.

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IBM Tower, Atlanta, GA
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Associates, New York, NY
Roofing Contractor: Armetco
Systems Inc., Irving, TX

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Circle No. 868



07800 - Roof Windows & Skylights

Vented and fixed skylights, roof windows, screens, roller shades, venetian blinds, prefabricated flashing, and pre-installed mounting brackets are all generously illustrated in this 25-page guide.

Dimensions and installation hints are included throughout.

C,D,S,T / Velux 219

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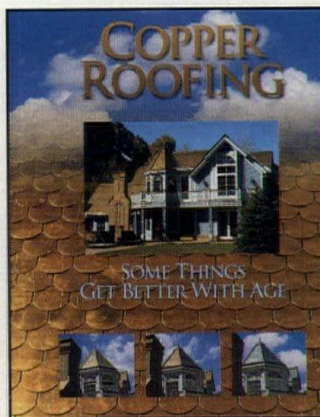
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Tegola Canadese produces Prestige copper shingles, a fiberglass reinforced asphalt shingle with a sheet of copper bonded to its top surface. Lightweight (240#sq.). Class A fire-rated. 30-year limited warranty. For a brochure contact Tegola's U.S. Sales Manager at P.O. Box 590444, Orlando, Florida 32859 or call 1-800-545-4140.

Tegola USA
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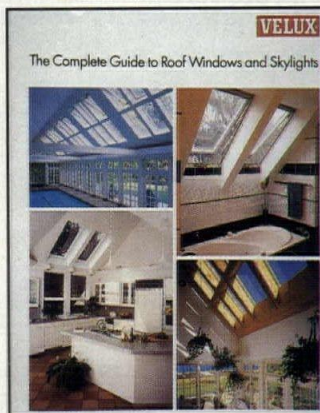
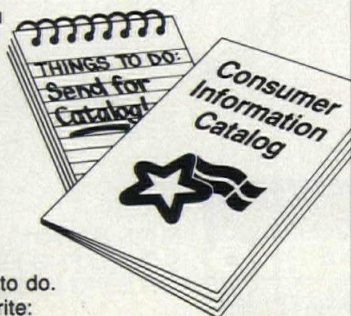
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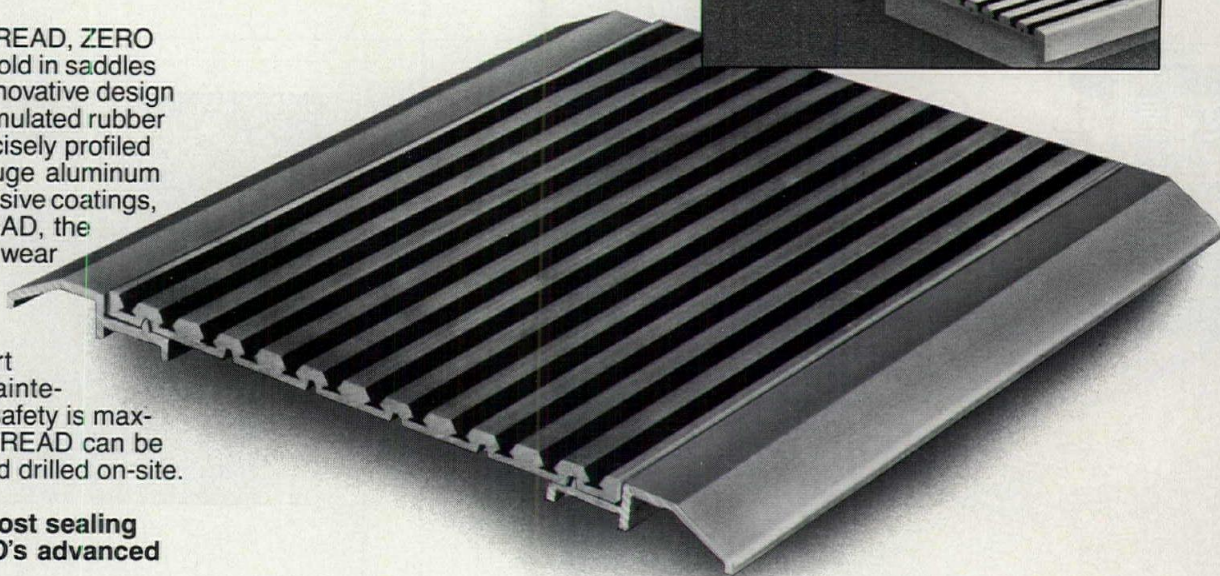
The 1991 Complete Guide to Roof Windows and Skylights

Features design ideas and helpful hints for building professionals. New product offerings for 1991 include new Twilight Shade for room darkening, new Type ZMZ Motorized Control Rod, new patented pre-installed mounting brackets and the KES 310 Electric Control System that makes operation of VELUX roof windows, skylights easier. Free brochure available: write: Velux-America, P.O. Box 5001 Greenwood, SC 29648.

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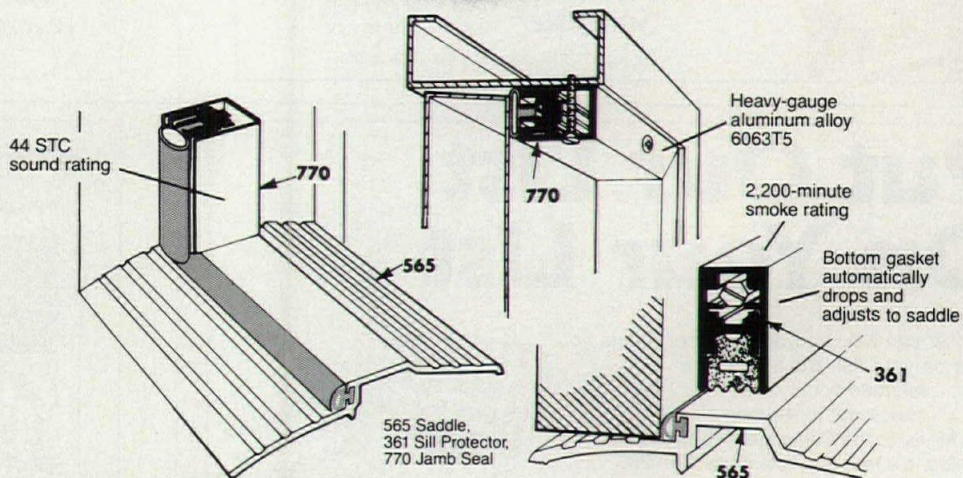
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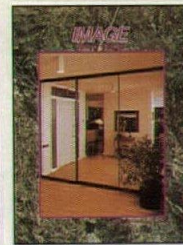
WHEN NOTHING ELSE
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Division 8 – Doors & Windows

08100 – Metal Doors and Frames, 08200 – Wood and Plastic doors, 08250 – Door Opening Assemblies, 08300 – Special Doors, 08400 – Entrances and Storefronts, 08500 – Metal Windows, 08600 – Wood and Plastic Windows, 08700 – Hardware, 08800 – Glazing, 08900 – Glazed Curtain Walls



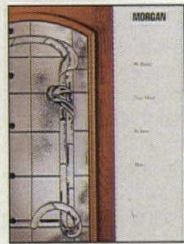
08200 - Wood Doors
Weyerhaeuser's Marshfield Series architectural doors carry a full unlimited lifetime warranty which includes repairing, replacing, and rehanging, any door failing to live up to its warranty. Fire doors and sound retardant doors are among the eight doors featured in this catalog.
D,S / Weyerhaeuser 220



08200 - Mirror Doors
The installation of mirrors within sliding closet doors increases the apparent spaciousness of rooms. This brochure gives dimensions, specifications and detail drawings of the doors.
C,D,S / Image 221



08200 - Wood and Plastic Doors
Eggers provides numerous services to accompany their many wood veneer doors. Premachined doors can be specified for specific opening sizes and types of hardware. Finishes include primed, painted, sealed, oiled, waxed, or catalyzed polyurethane.
C,D,I,S,T / Eggers 222



08200 - Wood and Plastic Doors.
In this new 31 page brochure Morgan presents a family of coordinated doors. These include exterior panel doors, exterior sash doors, interior panel doors, bi-fold closet doors, and french doors.
Morgan 223



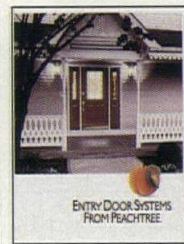
08300 - Special Doors
Best known for their basement, sidewalk, floor, and ceiling access doors, Bilco also makes a variety of roof scuttles, automatic fire vents, and floor and sidewalk doors featured in this 23-page catalog. Photographs, and detail drawings accompany each product.
C,D,S / Bilco 224



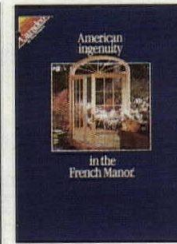
08300 - Sectional Doors
Overhead is the the oldest and the largest manufacturer of sectional garage doors in the U.S. The Thermacore series features a Steel/Polyurethane/Steel sandwich panel that is lightweight, strong, weather-resistant, and thermally efficient.
C,D,S / Overhead 225



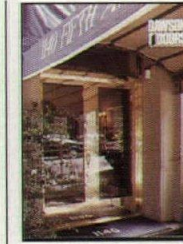
08200 - Wood and Metal Doors
This company makes a variety of swing doors, commonly used in commercial kitchens, hospitals, factories, and stores. This brochure illustrates various models and gives dimensional information.
D / Eliason 226



08200 - Entry Doors
This 31 page catalog illustrates Peachtree's new entry door systems. All doors are insulated with a polyurethane-foamed core. Stiles and top-rails are made out of Ponderosa Pine, while the skins are either galvanized steel or fiberglass.
C,D / Peachtree 227



08200 - French Doors
Caradco's new French Manor doors can be specified in natural wood or aluminum cladding. They feature full perimeter weather stripping on the frame and triple weather stripping at the sill. Half-round and elliptical tops are available for many of the doors.
D / Caradco 228



08100 - Custom Doors
Dawson custom fabricates doors. Finish materials shown are stainless steel (mirror or satin finish) and bronze. The brochure has several photographs of custom installations, and typical frame and door details. Standard and custom sizes are available up to 3'-6" x 8'-0".
C,D,S / Dawson 229

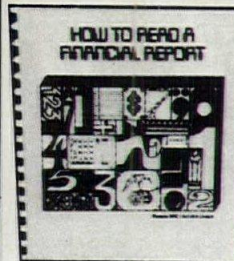
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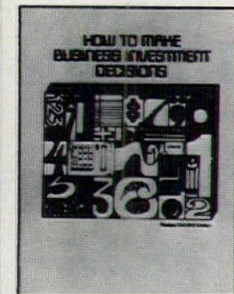
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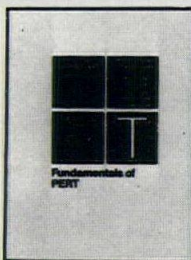


X36 How to Make Business Investment Decisions—This course will help you understand how the relationship between money and time affects management decisions. The course covers: present value concepts, how to use compound interest tables and equations to calculate the time value of money, how to use computed values to compare alternative business investment plans, and how to make the best decision based on the economic factors involved. \$20.00

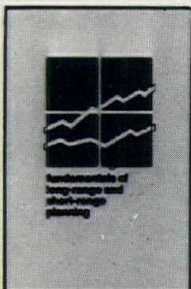
X05 Management by Objectives — MBO is a management method structured to emphasize what must be done, rather than how it is to be done, leaving plenty of room for creative thinking about solutions. This book, written in programmed learning format, will show you how to establish objectives, set standards for measuring performance, and conduct measurements to determine progress. \$20.00



X13 Management by Exception MBX is a management method which focuses on uncovering, diagnosing, and eliminating exceptions which disrupt your planned performance. On completion you'll find your job as a manager going much more smoothly, because you'll be applying your skills and energies in areas where they will have the greatest impact on overall results. \$20.00



X07 Fundamentals of PERT—PERT is used to manage a wide range of programs from simple to complex. The course covers: The basic methodology of PERT, Preparing PERT charts for complex projects, Developing time estimates for PERT activities, and finding & manipulating the critical path of a project to save time and money. \$20.00



X06 Fundamentals of Long- and Short-Range Planning — This book is a self-study course written in the question-response-feedback style of programmed learning. The course presents detailed expansion of each step in long- and short-range planning: becoming aware of opportunities, establishing objectives, defining all premises, determining alternative courses, evaluating them, selecting a course, formulating derivative plans, implementing the plan. \$24.00

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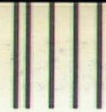
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INFORMATION

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P/A



08200 - Wood Doors

This 8-page brochure shows the variety of styles produced from this manufacturer of wood doors. French doors, raised panel doors, and brass-came doors are the three types illustrated. More detailed information is available from the company upon request.

Karona 880



08400 - Glass Entrance Systems

Producing all of the components used in glass entrances – doors, vision panels, sliders, and hardware – this company offers a brochure that gives dimensions, specifications, and details of their products.

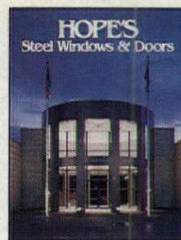
C,D,S / ACI Glass 230



08400 - Storefronts

Entrances, storefronts, revolving doors, and framing systems are manufactured by Kawneer for commercial and institutional applications. Painted and anodized finishes are offered in a myriad of colors. The entrances, door frames, and hardware are engineered to work as a system.

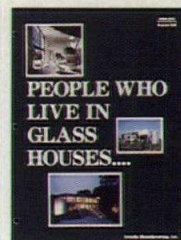
T / Kawneer 231



08100, 08500 - Steel Doors and Windows

Hope's steel windows and doors are appropriate for residential or commercial use. Along with drawings from the technical reference binder, the Hope's catalog gives a good overview of applications and design opportunities in steel doors and windows.

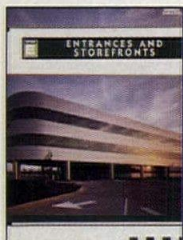
C,D,S / Hope's 232



08500 - Custom Doors and Windows

Arcadia windows and sliding doors can be designed to dimensions of up to 12' in height. Standard units are available up to 10'. Aluminum unit frames are clear, bronze, anodized black or painted in a variety of finishes and colors.

C, D / Arcadia 233



08400 - Storefronts

Efco manufactures storefront framing systems, entrances, ribbon windows, and curtain wall systems designed for easy installation and a wide range of applications. Many of the systems feature snap-on covers for interior and exterior members and thermal breaks.

C,D / Efco 234



08400 - Entrances and Storefronts

Extruded aluminum frames for conservatories, commercial buildings, and storefronts are featured in this brochure. Large profiles of over 91 standard shape components in curved and angled configurations are shown. Detailed wind load charts and structural test reports are also included.

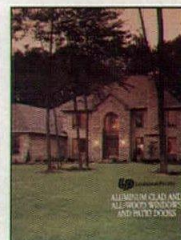
C,T / Kilil 235



08300 - Folding Partitions

Accordion partitions are often used for acoustical noise control. The acoustical folding partitions are composed of two layers of sound absorbing insulation, flexible perimeter seals, and an air release system. Wood and fabric finish cover a steel frame construction.

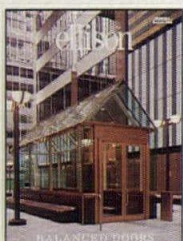
C,D,S / Modernfold 236



08600 - Wood Windows

This brochure features Louisiana Pacific's line of residential grade aluminum and all wood doors and windows. Sliding and hinged doors, and double hung, casement, awning, glider and studio windows are illustrated in plan and elevation.

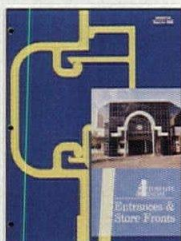
C,D,T / Louisiana Pacific 237



08100 - Metal Frame Doors

Ellison designs and manufactures balanced, pivoted and hinged doors in bronze, stainless steel, steel, and aluminum. Design features include spring pressure for handicapped accessibility and pivoted openings for reducing swing clearance. Charts, details, and illustrations are provided.

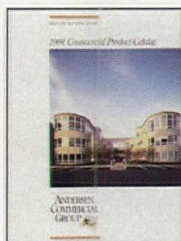
C, D / Ellison 238



08400 - Revolving and Balanced Doors

Revolving doors typically allow only 10% or less of the outside air exchange permitted by swing doors. Balanced doors provide a space-saving design due to the relocation of the pivot point. Tubelite offers a wide range of both types of doors.

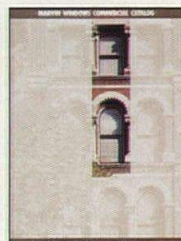
C,D,S / Tubelite 239



08600 - Wood Windows

This brochure represents Andersen's entire line of windows, door configurations, and glazing options, and includes their latest innovations in window combinations, custom colors, arch windows, and exterior and custom grilles. There are also 24 new standard sizes.

C,D,T / Andersen 240



08600 - Commercial Windows

Marvin manufactures a line of made-to-order wood and wood-clad windows for non-residential applications. Graphs emphasize thermal and structural performance, and tables give energy data. Double hung, casement, awning, gliding and bay models are a few of the operations available.

C,D,T / Marvin 241

The Classics



ACI Glass "Classic" products offer architects and designers the freedom to create special visual effects which enhance beauty, function and space. Our Classic Door selection offers a full range of custom entry applications to meet virtually any interior or exterior need. Classic Vision Systems are structurally sound, all glass walls and entrances which provide total visibility

without sacrificing strength or security. Classic Handrails are strong, transparent railings which combine attractive glass tints and hardware to produce functional beauty without loss of space.

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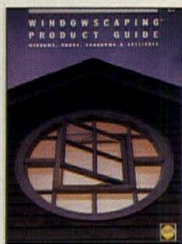
Now it's almost complete.

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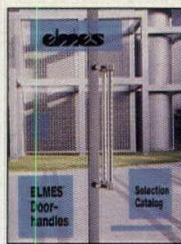




08600 - Custom Windows

Pella's Commercial Products Guide is a comprehensive introduction to the custom design features and technical support available with its aluminum-clad doors, skylights, and windows. Details covered in this 84 page catalog include size, glazing and muntin options.

Pella 242



08700 - Door Handles

This catalog gives illustrations and dimensions of this company's wide range of metal and wood door handles. A key under each handle indicates the finishes available and the type of door it is meant for.

C,D / Elmes 243



08720 - Automatic Doors

These automatic, swinging, and sliding doors are for industrial, healthcare and commercial applications. Pneumatic or electrically operated, the custom designs are available in 12 basic configurations. The catalog includes door accessories, switches, guides, and key boxes.

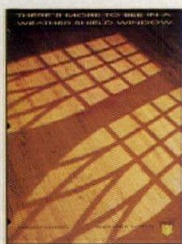
C,D,S / Horton 244



08700 - Brass Hardware

Solid brass, brass-and-chrome, and brass-and-porcelain door knobs and locksets are available through this 27 page catalog. Contemporary as well as highly decorative traditional styles are available. Matching dead bolt options are available.

C,D / Omnia 245



08200, 08600 Wood Doors and Windows

This 200 page catalog illustrates a full range of wood doors, windows, and skylights. Technical information is instructive and comprehensive and includes performance glazing options, available for each product line.

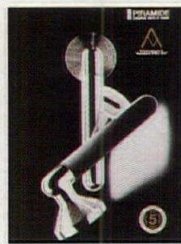
C,D,S,T / Weather Shield 246



08700 - Hardware

Falcon's Condensed Catalog of Architectural locksets describes the design features and functions of its seven lockset lines. Handicapped and special applications are addressed, as are interchangeable cylinder core features for security and commercial applications.

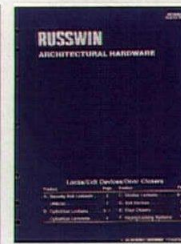
C / Falcon 247



08700 - Brass Hardware

This line of knobs, levers, handles, roses, and matching switch plates, coat hooks, and window handles is available in zirconium, palladium, or chrome finish. Grips can be formed with a black rubber cover for a warmer feel. Finishes are guaranteed against scratch, wear, and corrosion.

D / Italbrass 248



08710 - Hardware

The design features of each of the lock, exit, and closing systems for the products in this catalog are all clearly identified. Function options are laid out in a comprehensive table. Several designs are appropriate in barrier free environments.

D / Russwin 249



08716 - Exit and Safety Devices

The charts and drawings in this catalog are helpful in understanding the options available in fire-rated and life-safety exit devices. The aluminum extruded bars can fit fire rated wood, hollow core metal, and glass doors.

C,D,I,S / Adams Rite 250



08700 - Plastic Hardware

This line of hardware includes door levers (which are designed to barrier free standards), railings, handles, knobs, related hardware, and bathroom and coatroom equipment. All products are made of color impregnated injected nylon with a steel core.

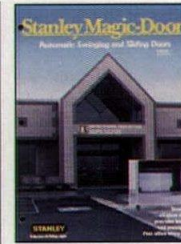
C,D / Hewi 251



08700 - Hardware

The automatic door systems featured in the catalog were specifically designed for handicapped accessibility. Automatic, equalized, delayed action, and reduced force openers are available.

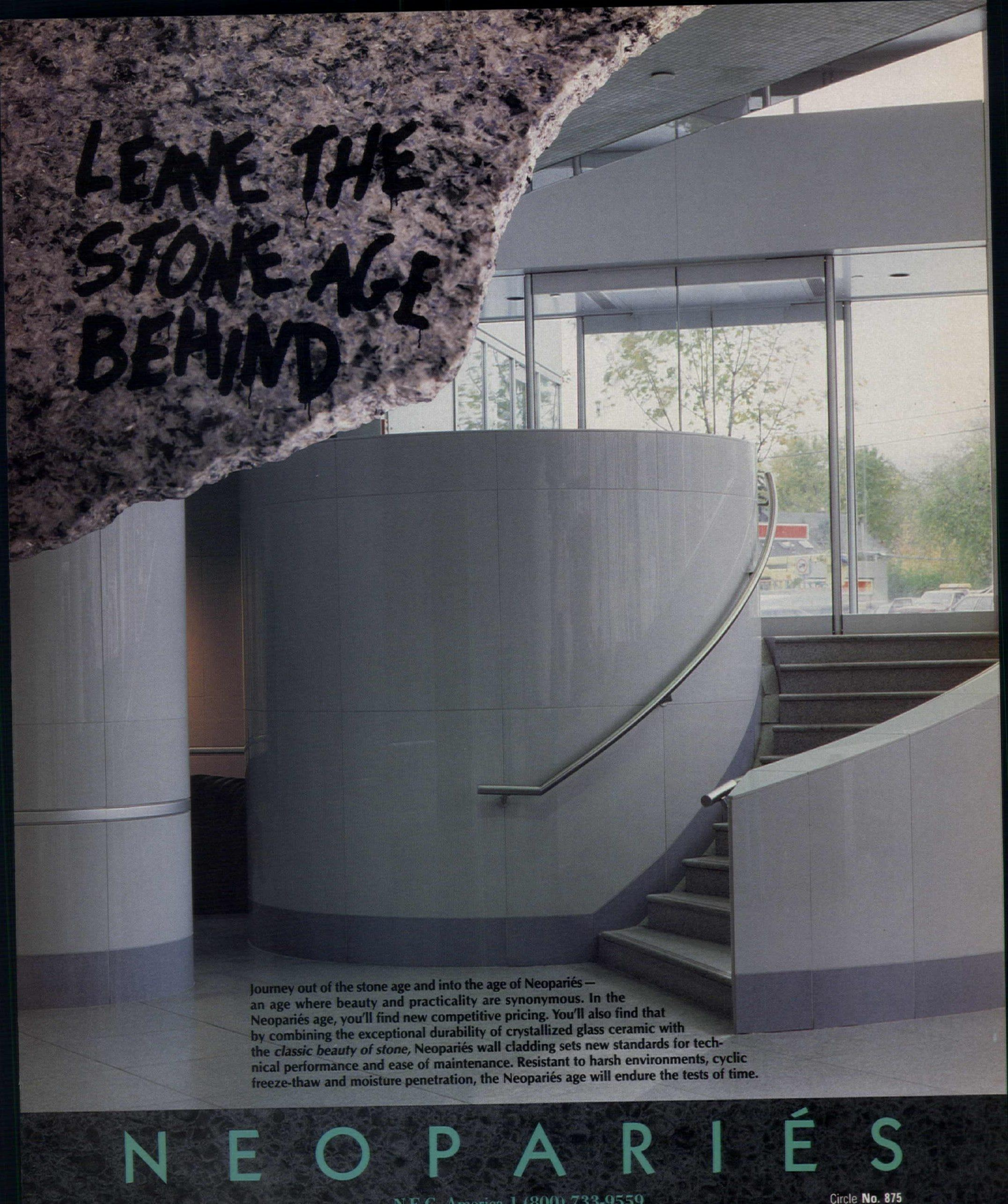
D,S / LCN 252



08720 - Automatic Doors

This line of automatic swinging and gliding doors meet ANSI standards for barrier free design. The brochure clearly details available sizes, and plan and elevation information for the one interior and three exterior models.

C,D / Stanley 253



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STONE AGE
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Journey out of the stone age and into the age of Neopariés — an age where beauty and practicality are synonymous. In the Neopariés age, you'll find new competitive pricing. You'll also find that by combining the exceptional durability of crystallized glass ceramic with the *classic beauty of stone*, Neopariés wall cladding sets new standards for technical performance and ease of maintenance. Resistant to harsh environments, cyclic freeze-thaw and moisture penetration, the Neopariés age will endure the tests of time.

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Circle No. 875

**08650 - Radiation Protection**

Lead-impregnated glass offers protection to workers in nuclear medicine. This catalog features standard sizes for protective glass and framing. Charts provide technical assistance on radiation absorption, chemical resistance and refractive properties of the glass.

D,T / Nuclear Associates 254

**08800 - Glazing**

This glazing panel can be turned "on" or "off" to allow either the full transmission of light and images in the "on" position, or diffused light in the "off" position. The Panel incorporates two liquid crystal films butted together within a single laminated glass panel.

D,S / Talig 255

**08800 - Glass Cladding**

Neoparies is a crystalized glass with an appearance similar to granite and marble. Unlike stone it is acid and alkali-resistant and has a zero water absorption rate, eliminating concerns relating to cyclic freeze-thaw and moisture penetration. Eight natural colors are available.

D / NEG 256

**08700 - Hardware**

Sealing system for doors and windows include air stop system, fire door seals, a variety of door saddles, sill protectors, head and jamb seals, and meeting stiles. Zero has designed and tested its systems against air, sound, and smoke.

C,D,S / Zero 257

**08800 - Glazing**

The Pilkington Wall Structural glazing system provides a complete glass enclosure without frames or mullions. Maximum sizes, subject to the grade of structural glass, are outlined in the brochure, as are thermal movement, and solar and insula-tion performance data.

C,D,T / Pilkington 258

**08800 - Safety Glass**

For years, Wire Glass has been the only fire-rated glass available to meet codes. Fire Light is a clear glass alternative, certified by Underwriters Laboratories as passing and exceeding fire-ratings and hose-stream tests. Can be specified in polished, non-polished, or patterned surfaces.

S,T / Technical Glass 259

**08900 - Glazed Curtain Walls**

This catalog will introduce the reader to Formawall's lightweight metal/glass curtain wall system. The highly insulated panels can be formed or curved, and are available in standard or custom colors and finishes.

C,D / H.H. Robertson 260

**08800 - Patterned Glass**

Asahi offers a broad line of interior glass products for furniture and interior partitioning. Forty color choices are featured. Differing degrees of opacity, simulated stone and a diversity of textures are all well illustrated in this 34 page brochure.

S / Asahi Glass 261

**08800 - Insulating Glass**

Heat Mirror insulating glass units combine two distinct air surfaces with a low-emissivity coating. The film is suspended midway between the panes. The units provide higher insulation rating than ordinary double-pane or "low-e" coated windows.

S,T / Southwall 262

**08800 - Glazing Materials**

Tremco manufactures sealants, tapes, and extrusions for glazing systems. The broad product line allows compatibility with most building materials. The brochure offers a description of each of the 22 products as well as spec-guides, color selection, surface adhesion, and typical profiles.

C,D,S,T / Tremco 263

**08700 - Locksets**

Yale's 5400L Series cylindrical key in locksets come in three handle designs, all of which are approved for barrier-free design standards. The sets, which come in bronze, chrome, and brass, with five finishes, are designed for industrial, commercial, and institutional use.

C,D,S / Yale 264

**08800 - Glazing**

L.O.F.'s Evergreen Float Glass offers low shading coefficients and solar heat gain, high daylight transmittance, and low exterior reflectance and U.V. transmittance. It is available in 3/16" and 1/4" thicknesses and can be tinted grey, bronze, or blue-green.

T / L.O.F. 265

Design Possibilities That Capture The Imagination

Weyerhaeuser's architectural wood doors allow you endless opportunities in design and flexibility. Our full range of wood doors, custom veneer matching, unsurpassed selection of new color stains and opaque finishes, and unlimited custom options, will add new dimensions to any architectural project.



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Weyerhaeuser Architectural Doors

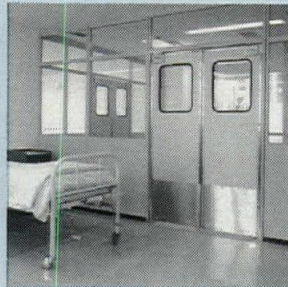
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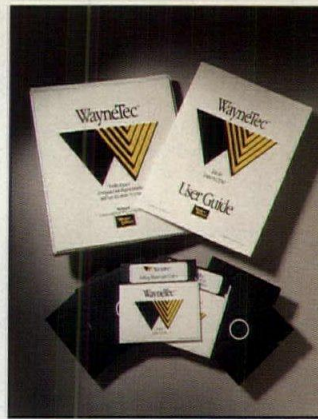
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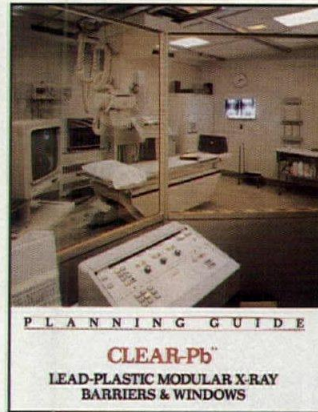
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WayneTec™, a computer-intelligent details and specification software package, eliminates the tedious process of specifying commercial/industrial upward-acting doors, and may be used effectively by specifiers with minimal experience.

The WayneTec system will also provide product-specific AutoCADD® drawings and CSI-formatted specs.

Wayne Dalton Corp.
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Free X-Ray Room Planning Guide

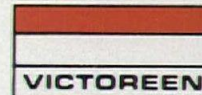


PLANNING GUIDE
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BARRIERS & WINDOWS

New guide illustrates user-designed installations of CLEAR-Pb® Lead-Plastic Modular Barriers and Windows in hospitals, radiation therapy centers. CLEAR-Pb is a transparent lead-impregnated plastic sheet in lead equivalencies from 0.3 to 2.0 mm; over 200 stock sizes up to 6x8 ft. (larger on special order).

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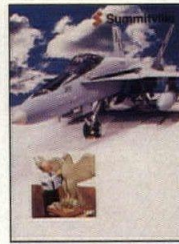
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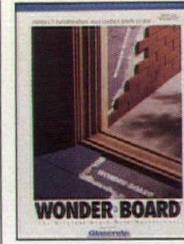
09250 – Gypsum Board, 09300 – Tile, 09400 – Terrazzo, 09500 – Acoustical Treatment, 09540 – Special Wall Surfaces, 09545 – Special Ceiling Surfaces, 09550 – Wood Flooring, 09600 – Stone Flooring, 09630 – Unit Masonry Flooring, 09650 – Resilient Flooring, 09680 – Carpet, 09700 – Special Flooring, 09800 – Special Coatings, 09900 – Painting, 09950 – Wall Coverings



09300 - Tile

Among the 14 new products featured in this 40 page brochure are four impervious glazed porcelain pavers that utilize feldspar waste products as their primary raw material. Also included are decorative Colonial tiles, imported marble tiles, and specialized setting and grouting products.

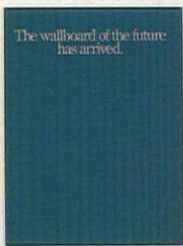
C,D,I,S,T / Summitville 266



09390 - Gypsum Board

'Wonderboard' is a patented glass-mesh concrete backerboard. It's most common applications are interiors exposed to constant moisture, but it can also be used for countertops, underlayment for tile floors, and exterior backings for thin-set brick or EIFS.

C,D,S,T / Custom Building Products 267



09250 - Gypsum Board

These new fiber gypsum wallboards are designed to be less brittle than standard drywall, resulting in less breakage and waste. Wood fibers and perlite are added to the gypsum core for additional insulation and reduced weight. The paper layers come from recycled newspapers.

Louisiana-Pacific 268



09300 - Tile

Two new tiles are available from Ludowici Stoneware: Traffic Tile, a freeze/thaw-proof, fully vitreous tile, and the Craftsman Line of handcrafted residential and commercial tiles characterized by their softly formed edges and gently irregular surfaces. Both products use recycled materials.

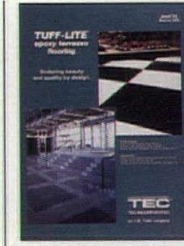
D,S,T / Ludowici 269



09300 - Tile

In an extensive 63-page catalog, American Olean highlights their diverse tile lines that include mosaic, quarry, unglazed, glazed, porcelain, and stone tile products. A vast array of applications are illustrated, and detailed specifications are provided for all of the product categories.

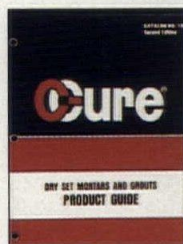
D,I,S,T / American Olean 270



09400 - Terrazzo

Terrazzo flooring is reputed to be one of the most durable floor materials known to man. Tec's terrazzo floors can be sealed to achieve either a lustrous or matte finish. Aggregates of many sizes and colors may be specified in a variety of resin or epoxy matrixes.

I,S,T / Tec 271



09300 - Mortars, Grouts

C-Cure's tile-setting materials include latex admixtures, thin-set mortars, and modified mortars for marble installation. A new product – 'Level-Cure' is a liquid concrete board that becomes a free-flowing liquid mortar when water is added.

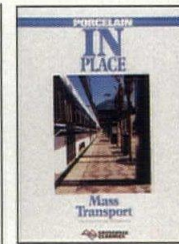
D,I,S,T / C-Cure 272



09300 - Tile, Grout

Laticrete offers a full line of high-strength, shock and weather-resistant grouts for ceramic tile, pavers, bricks, and stone. The system enables tile and stone to be installed over virtually any existing or new surface, including old vinyl or ceramic tiles.

C,D,S,T / Laticrete 273



09300 - Tile

Porcelain pavers in matte finishes or textured stone finishes are manufactured by this ceramic company. Porcelain is virtually impervious to moisture, making it a light-maintenance paving tile. Freeze-thaw damage is reduced as well.

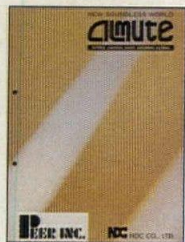
Crossville 274



09500 - Metal Ceilings

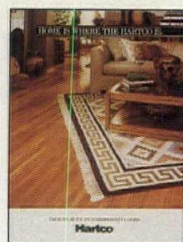
Parallel beam ceilings, ornamental lay-in panels, and open-cell grid ceilings are manufactured by Chicago Metal in various sizes, colors, and patterns. The parallel beam series offers easily installed retrofit ceilings and are well-suited for adaptive reuse projects.

I,T / Chicago Metallic 275



09500 - Acoustical Treatment
This catalog features Almute Sintered Aluminum sound absorbing material. Photographs illustrate applications of the lightweight Almute panelling. The sound absorbing material is suitable for both internal and external acoustic surfaces.

Peer 276



09550 - Wood Flooring
Hartco's brochure features two new flooring styles - Somerset Plank and Burnside Plank. The brochure contains photographs of the flooring, details illustrating workmanship, a description of the exclusive Hartco no-wax finish, and a color chart for reference purposes.

C,D / Hartco 277



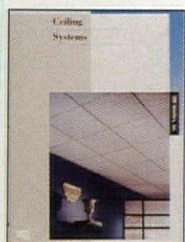
09650 - Resilient Flooring
Congoleum commercial sheet flooring products are suited for both new construction and retrofit projects. The 12-page, full-color Specifier's Guide provides technical data and product specifications. Stain resistance is documented for the company's heavy traffic 'Flor-Ever' product line.

S,T / Congoleum 278



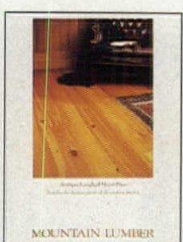
09650 - Resilient Flooring
Fritz Chemical Company manufactures a genuine marble, flexible terrazzo flooring. The low-maintenance tile is strong, durable, and slip-resistant. Technical information is provided in the catalog. The tile is designed to withstand up to 4000 pounds psi.

D,T / Fritztile 279



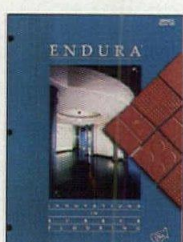
09545 - Acoustical Ceiling Tiles
A wide palette of colors and textures characterizes these ceiling panels. Vinyl-faced gypsum panels are produced for food-processing areas; impervious surfaced panels designed to resist corrosion and fire are specified for 'clean' hospital and lab rooms.

C,D,S,T / USG Interiors 280



09550 - Wood Flooring
Longleaf heart pine was once plentiful in the Southeastern U.S. Mountain Lumber concentrates specifically in retrieving this lumber from structures slated for demolition. Brought back to Virginia, the wood is resawn, kiln-dried, and remilled. Four grades are offered.

D / Mountain Lumber 281



09650 - Resilient Flooring
Endura's connections with the shoe sole industry have led to a cross-fertilization of ideas, bringing superior flexibility, low-impact, and slip-resistance to their floors. Reportedly, Endura produces the only domestic flooring with a ten-year warranty.

D,S / Endura 282



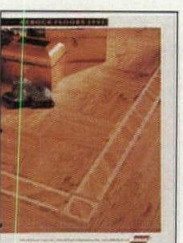
09650 - Resilient Flooring
Musson Rubber's safety stair coverings feature low-flame spread ratings coupled with a non-slip disc design. Floor coverings, vinyl tiles, stair treads, landing and riser materials as well as rubber nosings and corner guards can all be coordinated with matching colors and styles.

C,D,S,T / Musson 283



09545 - Special Ceilings
W.F. Norman is using the same dies it used 80 years ago to produce metal plates for ceiling and wall covers, as well as numerous styles of drop-in ceiling panels, rosettes, moldings, capitals, and brackets. In total, over 1400 items are stocked from the same 72-page catalog first issued in 1909.

C,D / W.F. Norman 284



09650 - Resilient Flooring
Azrock's vinyl tiles imitate natural woods and stone. Most styles come with inlaid borders and corner pieces. The vinyl tile is colored through the full tile thickness and is designed for heavy traffic. A full line of accessories including stair treads, risers, and base pieces is also available.

D,S,T / Azrock 285



09650 - Resilient Flooring
In a series of short, colorful brochures, Forbo illustrates its linoleum products first produced in 1899. The same all-natural ingredients (linseed oil, pine resins, wood flour, jute, and cork) are still used today to manufacture the durable, fire-retardent flooring.

D,I,S,T / Forbo 286



09650 - Resilient Flooring
Strong colors and bold patterns define the rubber flooring featured in this company's catalog. Studded rubber flooring for heavy traffic conditions, marbelized flooring, stair treads, and entrance mats are all illustrated and described. Applications and full dimensions are also listed.

C,D,S / Pirelli 287

Canyonstone Plus™. The right recipe for a safer kitchen.



Atlanta Marriott Marquis, Atlanta, GA; John Portman Associates, Architects; E. Alan McGee Photography, Inc., Photographers; 8" x 8" Canyonstone Series; G547 Del Rio.

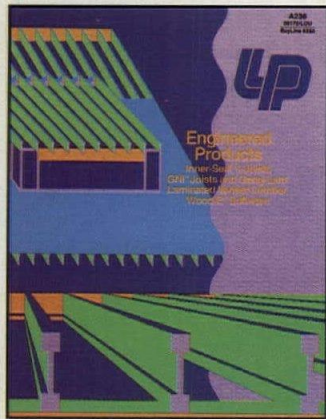
If the emphasis is a slip-resistant floor, the ceramic tile should be Canyonstone™. □ The arch enemy of a safe commercial food preparation environment is the concentration of grease and water. Unlike through-body products, Canyonstone's™ impervious slip-resistant surface prevents the absorption of grease and moisture. □ Canyonstone™ is available in several earthtone colors and in two different finishes: regular and Plus. Canyonstone Plus™ offers an even higher slip-resistance for commercial kitchens and similar applications. All colors come complete with single bullnose and 6" x 8" sanitary cove base. □ **Contact our National Accounts Department at (214) 226-0110, FAX (214) 226-2263, or see our extensive product line in Sweet's General Building and Renovation File, section 09300/AMA, Buyline 4908.**

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The Fine Art of Ceramic Tile

Circle **No. 867** on Reader Service Card

©291 American Marazzi Tile, Inc. Z907 Canyonstone 1P Ad Reprint 5.0K



Engineered Products

Louisiana-Pacific's engineered wood products are designed to eliminate the common problems of solid sawn lumber. Gang-Lam LVL, Inner-Seal I-Joists and GNI Joists are stronger, more stable and easier to handle. Catalog includes span and uniform load charts, and information on the Wood-E engineering software package.

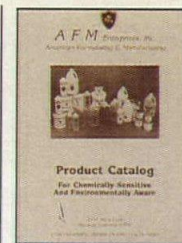
Louisiana-Pacific
Reader Service No. 899



09650 - Resilient Flooring

Asbestos-free vinyl flooring is available in wood grain, slate, marble, and granite styles. A variety of colors is possible with any of the styles, and decorative feature strips can be combined with any of the vinyl tiles.

D,I,S,T/Tajima 288



09800/09950 - Paints & Coatings

AFM manufactures special products for hyper-allergic and chemically-sensitive people. Natural wall and ceiling texturings, stains, clear-coats, sealers, primers, paints, and adhesives, are all specially formulated to maintain low-levels of toxicity.

I/AFM Enterprises 289

TUXEDO LIMITED

The Elegance of Contrast

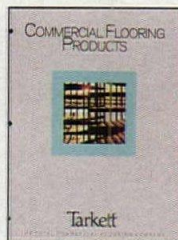
Fritztile has embodied the beauty and elegance of contrast in its newest tile line -Tuxedo Limited. Tuxedo Limited is a flexible terrazzo floortile featuring black, white and grey marble chips in a variety of tonal combinations. Tuxedo Limited is a low-maintenance, highly durable tile with a wear resistance *greater* than vinyl.



FRITZTILE

P.O. Drawer 17040
Dallas, Texas 75217
(214)285-5471 FAX 214-270-0179
1-800-955-1323

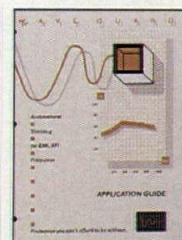
Circle **No. 864** on Reader Service Card



09650 - Resilient Flooring

Tarkett's 'Coordinates' collection excels in installation time, maintenance, and durability. A unique seam-sealing process fuses the tiles into a monolithic sheet, keeping dirt out. Special acoustical flooring and heavy duty, recreational flooring are also described.

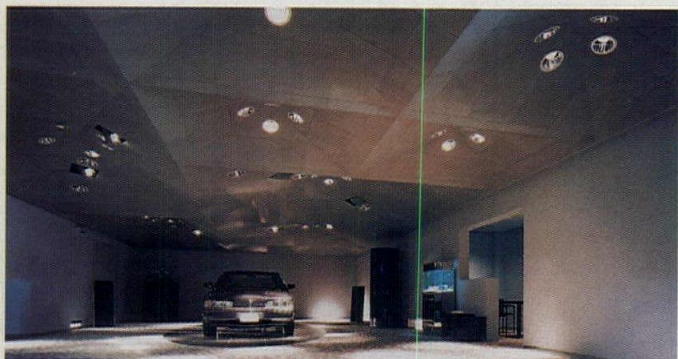
S,D,T/Tarkett 290



09800 - Shielding

Used to insulate building occupants from radiation, Spraylat's series of water-based copper paints offers a viable alternative to foil and mesh protective shielding. A 60-page booklet gives a full history of the field, an in-depth installation guide, and easy-to-read details.

C,S,T/Spraylat 291



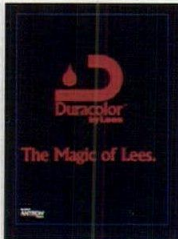
REVOLUTIONARY! ALMUTE SINTERED ALUMINUM ACOUSTIC PANELS:

superior sound absorption/striking appearance/unlimited coloration/incredible, new vistas of design/so dramatically advanced.

For complete details...

PEER, INC. 241 W. Palatine Rd., Wheeling, IL 60090
FAX: (708) 870-3337 Phone: (800) 433-PEER

Circle **No. 865** on Reader Service Card



09680 - Carpet

According to this company's brochure, Lee's Duracolor carpet offers permanent resistance to 99 percent of all common stains. Stains do not penetrate the carpet, and can be cleaned with water and a mild detergent. Colorfastness is maintained in sunlight and gas exposure.

Lees 292



09950 - Wallcoverings

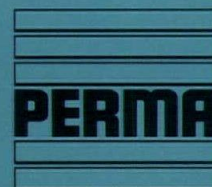
Faux marble, polished stone, leather, rustic wood; these are only a sampling of the textures available from the 3,000-plus colors and patterns in Koroseal's vinyl wallcovering collection. The wallcoverings can be coated with protective films designed to resist ink, paint, and food stains.

D,S,T/Koroseal 293



HANG YOUR REPUTA- TION ON THE STRENGTH OF OURS.

FACE IT. Your reputation hangs on everything you do. So get a slatwall system that supports your reputation with all its might. Specify Perma Groove. ■ Our $\frac{3}{4}$ " low-emission* Q-150** is one of the strongest medium-density fiber-board panels available. ■ We build on that strength with a wide selection of custom groove spacings, in any multiple of 2 or 3 inches, and virtually limitless options in panel laminates, veneers and finishes. ■ Our strength is maintained by competitive pricing and exceptional service. As one of the first producers of commercial slatwall, we know how to help create an attractive, durable wall system quickly, easily and efficiently. You can hang your reputation on that. ■ For more information, contact: Perma Groove, Inc., 21365 Hamburg Ave., P.O. Box 1016, Lakeville, MN 55044-1016. Call: 612/469-4961. Fax: 612/469-4972.



PERMA GROOVE
Custom-quality
slatwall systems.

*Meets HUD Formaldehyde Emission 24 CFR, Part 3280.308 for particle board.
**Average 49 lb. density/150 psi internal bond strength.

Circle No. 851 on Reader Service Card

TAJIMA

NEW SAND Nature captured for man's environment. The New Sand vinyl tile offers a new dimension in texture—no comparison exists.

Resilient. Soil Resistant.
A natural setting for offices, stores, sales floors and lobbies.

New Sand. Tajima.
For distributor information, call
1-800-837-8252.



TAJIMA

The Creative Best in Commercial Flooring



09540 - Special Walls

Perma Groove is one of the first U.S. manufacturers of grooved panels. The grooved panels, known in the industry as slatwall, are composed of a medium density fiberboard which can be finished in wood veneer, plastic laminate, metal laminate, or mirror surfaces.

Perma Groove 294

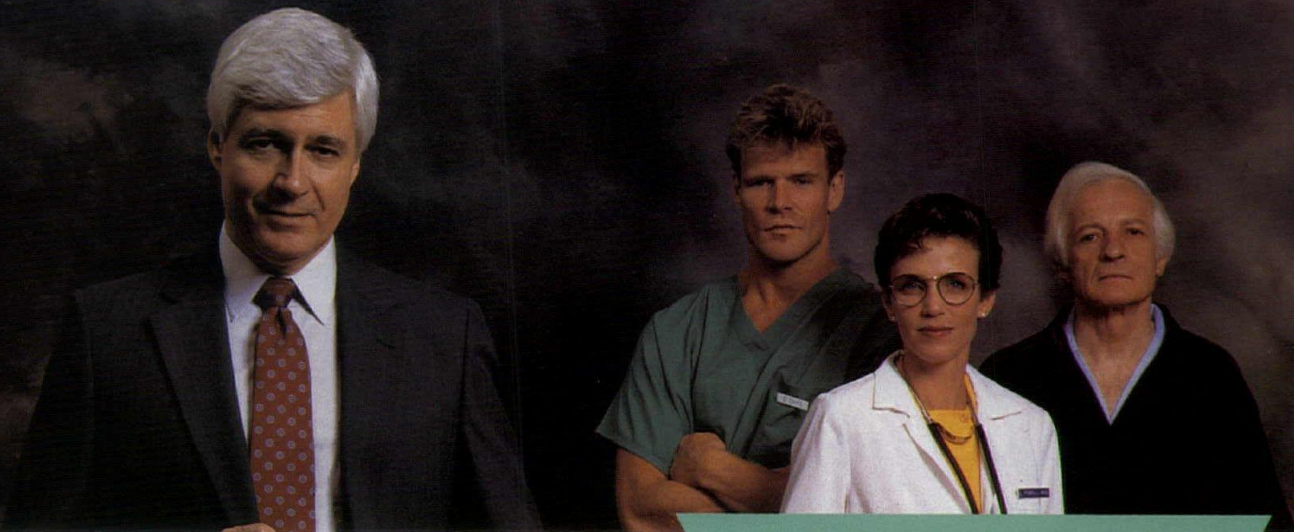
Other Relevant Products:

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Circle No. 873 on Reader Service Card

Product Literature Information **Codes:** C Construction Details D Dimensions I Installation Instructions S Specifications T Test Results

When
quiet
comfort
is on your
client's mind...



Eminent
Acoustiflor™
should be
on their
floor.

When you're challenged with a healthcare facility project, Eminent Acoustiflor will give you the freedom to satisfy your most discriminating client and, more importantly...yourself.

Eminent Acoustiflor brings today's healthcare facilities enduring style and cushioned comfort not found in other sheet vinyl flooring. Mix and match eight inspiring colors for imaginative floor designs. It brings together cushioned comfort, like carpet, and the easy maintenance of resilient flooring. It also muffles silence-piercing noise on impact and recovers from point-load indentation. Most hospital chemical spills are easily wiped clean, eliminating offensive odors and bacteria.

Now, touch the difference yourself. See why Eminent Acoustiflor should become your flooring of choice for healthcare facilities. For **FREE** samples and product literature, call Speed Swatch toll-free 1-800-225-6500, Monday-Friday, 8:30 AM - 5:00 PM EST.



Enlarged cross-section shows homogeneous wearlayer, high density foam interlayer and vinyl backing.

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Tarkett®

THE TOTAL COMMERCIAL FLOORING COMPANY

P.O. Box 264, Parsippany, NJ 07054

Circle No. 872



Treasured Art.

As treasured as a fine work of art by discriminating homeowners, antique heart pine from Mountain Lumber graces some of America's best homes. A limited supply of this majestic hardwood is carefully retrieved and recycled from pre-1900 structures slated for demolition. Prized for lasting hardness, stunning beauty, and a rich history, antique heart pine is brought to unparalleled addresses nationwide. Shouldn't yours be one of them? Also available through your interior designer or architect. Call for a free brochure.

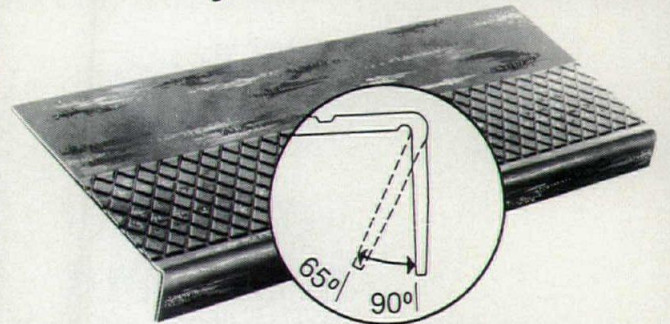
P.O. Box 289J
Ruckersville, Virginia 22968
1-804-985-3646
FAX: 1-804-985-4105

MOUNTAIN LUMBER

Circle No. 856 on Reader Service Card

MUSSON

New Adjusta-Nose Treads



New Design Nose will easily adjust and adhere to steps with return angle nosings between 90° and 65°; allows good fit on stairways designed for safety (especially visually impaired and handicapped).

Shown is our medium gauge Diamond Design Tread in 11 marbled or 9 solid colors with extra long 2" depth nose for pan-filled or molded concrete steps. Adjusta-Nose also available on Disc-O-Tred, Long nose Grii-Strip and Smooth Surface treads.

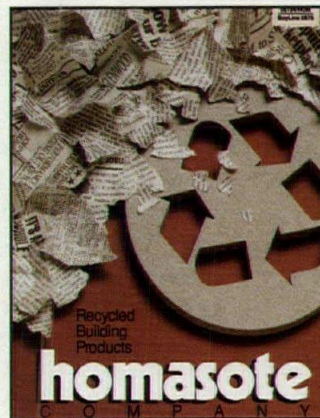


For Free Brochure & Samples, write:

MUSSON RUBBER CO.

P.O. Box 7038 • Akron, Ohio 44306

Circle No. 860 on Reader Service Card



Homasote 1992 Sweet's Brochure of Recycled Building Products

Easy to read brochure provides comprehensive description of Homasote's full line of recycled building products-- designed and manufactured with today's environmental concerns in mind. Included are detailed specifications, general application data, variety of test results, sizes, codes, etc.

Homasote Co.
Reader Service No. 910

Division 10 – Specialties

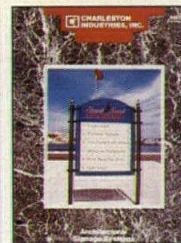
10100 – Visual Display Boards, 10200 – Louvres and Vents, 10260 – Wall and Corner Guards, 10270 – Access Floors, 10300 – Fireplaces and Stoves, 10400 – Identifying Devices, 10450 – Pedestrian Control Devices, 10500 – Lockers, 10520 – Fire Protection Specialties, 10600 – Partitions, 10650 – Operable Partitions, 10800 – Toilet and Bath Accessories.



10270 - Access Floors

This brochure describes the benefits of a steel pan access system with concrete or composite cores. Performance ratings are shown for each available grade. Options and accessories including ramps, access boxes, grilles, and railings are also shown.

C,S,T / C-TEC 295



10426 - Signage

Contemporary and traditional styles of signs are available in 15 standard colors from Charleston. The catalog emphasizes the system's flexibility and mounting options, and gives construction diagrams and details. Both illuminated and unilluminated systems are available.

C,D / Charleston 296



10100 - Visual Display Boards

This flier provides specifications, product descriptions, and general construction data on Homasote's interior tackable wall panels. Made with class "A" or class "C" fire rated materials, the panels are free of asbestos or formaldehyde additives and are made with recycled paper.

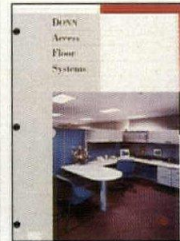
C,D,S / Homasote 297



10200 - Custom Louvers

Extruded aluminum and formed steel louvers are shown in this catalog. The literature addresses water penetration, acoustical design, frameless construction, and wind load capacities for each louver type. Technical information is thorough. A PC-DOS Cadalog is available.

C,D,I,S,T / Ruskin 298



10270 - Access Floors

Addressing issues of load bearing, utility, maintenance, and chemical resistance of access floor systems, this 19 page catalog shows different grades of construction and methods of fastening. The load capacities and recommended uses for each are clearly outlined.

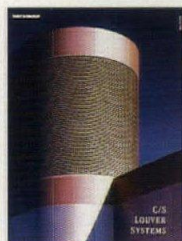
C,D,S,T / Donn 299



10400 - Signage

Kroy Sign Studio software package allows designers to produce in-house interior signage and graphics. For use with Apple Macintosh (Plus, SE or II) and MacDraw 1.9.5 or 1.9.6 the program will generate signs up to 6" by 12".

D / Kroy 300



10200 - Louvers

The louvers in this brochure offer as much as 55% free area, reducing overall louver requirements without altering the louver's appearance. A battened drain system reduces building stain. Durable, drainable, insulated, fixed, and operating features are a few of many options.

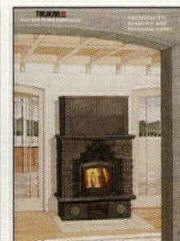
C,D,S / The C/S Group 301



10260 - Wall and Corner Guards

This colorful line of vinyl trim protects walls and display cases from equipment impact. The end caps and easily cut vinyl strips snap on to wall-mounted aluminum tracks. The brochure's drawings explain installation, and colors.

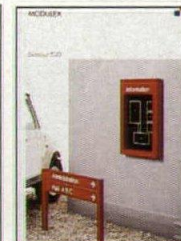
C,D,S / Boston Bumper 302



10300 - Fireplaces and Stoves

This instructive 24 page brochure offers a thorough introduction to the design and environmental benefits of Virginia soapstone fireplaces. Instructions on foundation preparation, appropriate chimney design, and references on additional reading are included.

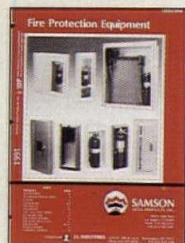
C,D,S / Tulikivi 303



10400 - Exterior Signage

Modulex exterior signage is offered in over 50 standard colors of anodized or baked enamel aluminum panels. Mounting options include post, wall, projected, and suspended fittings. Standard sizes start at 4.5" x 4.5" and are available up to 8' x 8'.

D / Modulex 304



10520 - Fire Protection Equipment

Fire fighting equipment, including pressurized water, dry chemical, halon, and carbon dioxide extinguishers are available through this catalog. Charts clarify which cabinets are the appropriate size for each model extinguisher.

D,I / Samson Metal Products 305



10600 - Movable Walls

Custom made up to 80" in width and 12' in height, these wall panels are steel or glass, or steel/glass combinations. The brochure emphasizes the economy, and ease of installation and re-assembly. Baked enamel in 20 colors or wood finishes are available.

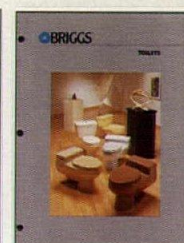
C,D,S / Virginia Metal Industries 306



10800 - Washroom Equipment

AJ Washroom Accessories in this 46 page brochure are available in stainless steel or 21 standard color laminates. From robe hooks, soap dispensers, dryers and cabinets, and grab bars, all items are clearly dimensioned and designed for universal accessibility.

C,D,I,S / AJ Washroom 307



10800 - Water Saver Fixtures

Wall-hung or floor-mounted toilets and bidets with siphon jet flushing action that use as little as 1.5 gallons of water per cycle are shown in this brochure. Profiles and plans are dimensioned for each model. Handi-capped models are featured.

D / Briggs 308



10600 - Wall Systems

Clestra Hauserman's Ultramovable and Designer Wall products are preassembled interior wall systems designed to the architect's color, fabric, glazing and framing material specifications. The system is durable enough to be reconfigured to changing needs.

Clestra Hauserman 309



10650 - Folding Walls

Emco's brochure gives detailed information on the construction, suspension systems, and the variety of closure functions available in their operable wall systems. Made to sizes up to 48' in height, manual or motorized operation is available.

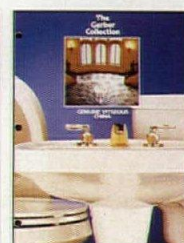
C,D,S / Emco 310



10800 - Tubs and Whirlpools

The bathing fixtures shown in this catalog include oversized and standard whirlpool and sauna units, tubs, showers, door assemblies, and bathing units for the physically impaired. Units are made from either sanitary grade polyester gelcoat or high grade acrylic.

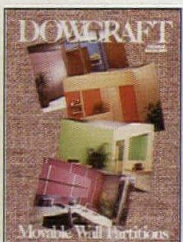
D / Aqua Glass 311



10800 - Fixtures

Over 13 toilet designs, as well as vanities, bidets, urinals, and wall and pedestal sinks are shown in this brochure. Nine colors are shown, with their corresponding color in other brands. Each fixture is clearly drawn and dimensioned in plan or section.

D / Gerber 312



10600 - Wall Systems

This eight-page brochure features interior movable partitions with finishes for executive offices, institutions, clean rooms, and budget installations. Technical information, including panel and channel dimensions, electrical provisions, and panel construction is available for each.

D / Dowcraft 313



10650 - Folding Walls

Customized operable walls, accordion partitions, and portable panels are featured in this catalog. Designed to provide enhanced acoustical benefits as well as space efficiency, these units also have a class "A" fire rating. The brochure's diagrams show product configurations and details.

C,D,S / Modernfold 314



10800 - Washroom Equipment

This comprehensive 51 page catalog is a source for virtually all commercial, hospital, and hotel bathroom accessories. Products are clearly dimensioned, and mounting heights are provided for both handicapped and non-handicapped use.

D,I / Bobrick 315

Other Relevant Products:

Galaxy - exit signs 556
Kemlite - wall panels 557
Majestic - fireplaces 558
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Mills - wall systems 560
Nello - wall systems 561
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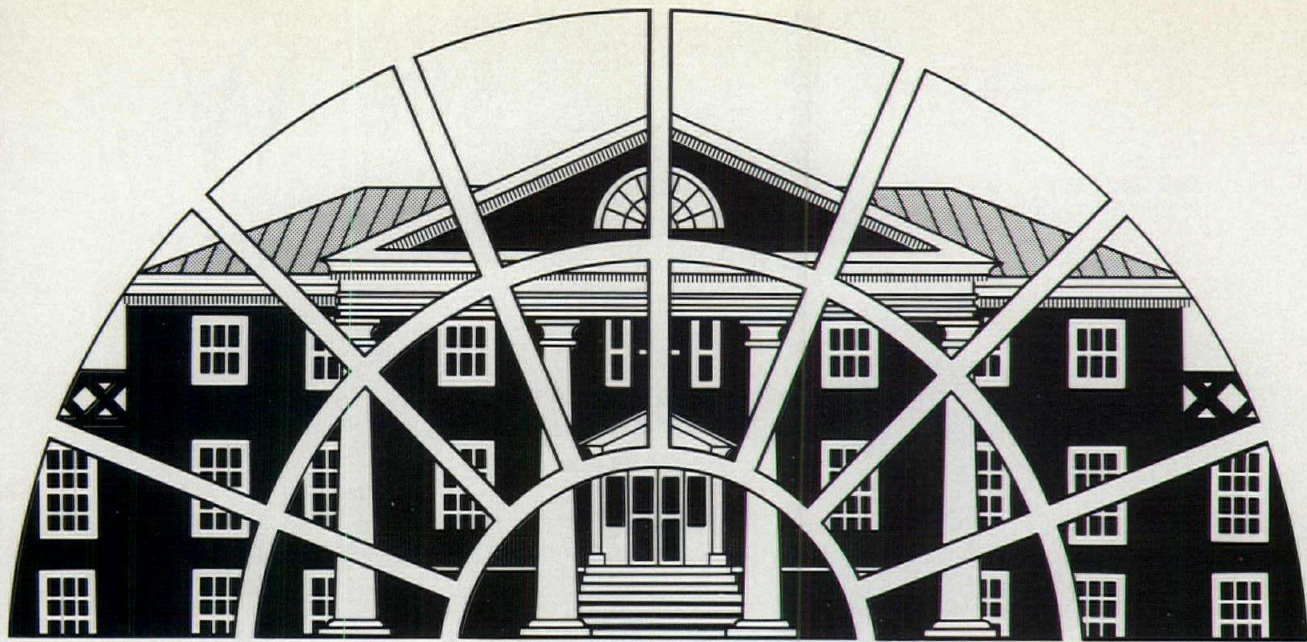
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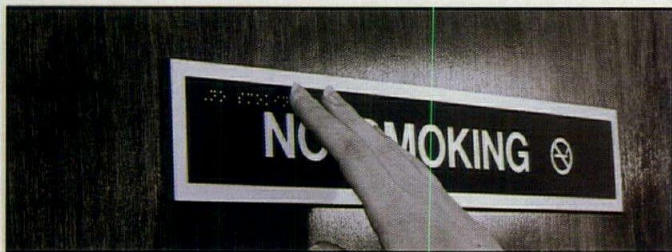
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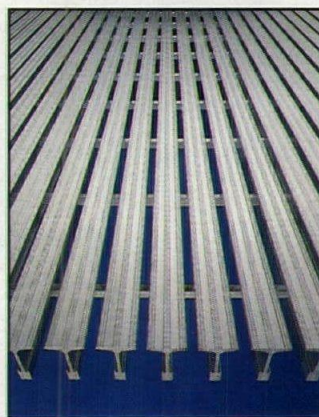
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Americans with Disabilities Act requires public access buildings to have tactile signage for visually handicapped. Best Sign Systems has offered architects tactile signage since 1978. One piece construction comes in many colors, meets most codes, NEMA rated self-extinguishing. Life of Building limited warranty. Color catalog. In Sweet's Catalog.

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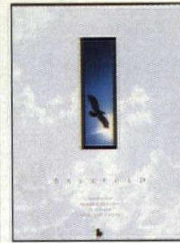
New Safe-T-Grid® Aluminum Grating from IKG Borden

The first major innovation in bar grating in years, based on a custom extruded "T"-section bearing bar. Has an extremely high strength-to-weight ratio and forms the most comfortable surface underfoot ever produced on grating. Highly attractive and ideal for architectural pedestrian applications. For a free brochure with complete design details, call or write IKG Borden, 270 Terminal Ave., Clark, NJ 07066; phone, 908-815-9500.

IKG Industries
Reader Service No. 902

Division 11 – Equipment

11020 – Security and Vault Equipment, 11110 – Commercial Laundry and Dry Cleaning Equipment, 11130 – AudioVisual Equipment, 11160 – Loading Dock Equipment, 11450 – Residential Equipment, 11600 – Laboratory Equipment, 11680 – Office Equipment



11130 - Projection Screens

The seamless projection screens by Bretford come in pop-up scissors action or electric roll-down configurations. A variety of sizes, mounting options, and fabric screen surfaces are available. Rear projection screens can be custom-designed to size and provide ideal viewing.

C,D,S / Bretford 316



11600 - Laboratory Equipment

Kewaunee lab equipment comes in heavy-gauge steel, coated by an electrodeposition system or clad in red oak with the familiar black Kemresin counters. Predesigned systems, like Instalab, can be ordered with a 30-day delivery, eliminating costly delays in construction time.

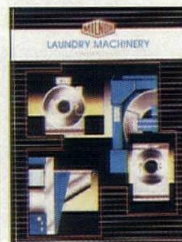
Kewaunee 317



11020 - Security Equipment

Detex manufactures an extensive line of security products ranging from access control systems (card readers and keypad units) to electronic watch-tour systems. Items such as a security exit alarm can protect particular building areas (a 'clean' room, for example) from unauthorized passage.

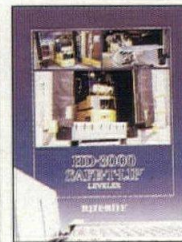
D,S / Detex 318



11110 - Laundry Equipment

Pellerin-Milnor maintains an experienced planning department that can provide cost-analyses, equipment and staffing recommendations, and layouts for any size laundry facility. They continue to manufacture a broad range of commercial laundry washing machinery.

D / Pellerin Milnor 319



11160 - Dock Levelers

According to the Bureau of Labor Statistics, falls represent the third highest cause of accidents in American industry today. The new SAFE-T-LIP leveler from Rite Hite joins a growing family of loading dock safety products, including truck restraints and guard railings.

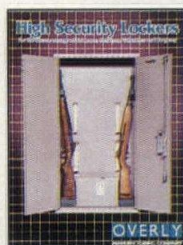
S / Rite Hite 320



11680 - Office Equipment

A complete selection of CAD, design and office supplies, furniture and equipment are in stock for immediate shipment. This comprehensive 365-page catalog serves as a handy reference when outfitting or resupplying an architectural office.

Charrette 321



11020 - Security equipment

Overly's high-security lockers can be custom designed for virtually any security need whether it be evidence, firearms, controlled substances, or safe deposit boxes. The same is true for this company's doors and vaults, available for government, penal, industrial, and commercial applications.

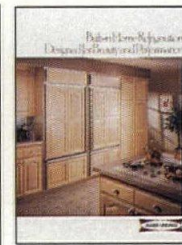
C,D,S,T / Overly 322



11110 - Laundry Equipment

Web's 13-page guide highlights laundry equipment developed primarily for apartment complexes. The guide provides information about electrical, gas, plumbing, and venting requirements. Laundry room planning criteria and design guidelines including sample layouts are included.

D / Web 323



11452 - Refrigerators

Sub-Zero refrigerators are designed to enhance a kitchen's decor by blending with the other furnishings. Removable decorative panels, minimal external hardware, and a toe-base feature together allow the refrigerator to fit into the overall aesthetic of the kitchen.

C,D,S / Sub-Zero 324



11680 - Office Equipment

Dataprint offers discount prices on brand-name drafting, printing, plotter, and graphic supplies. Furniture and computer supplies can be shipped the same day the order is placed. For large orders, competitive contract bidding ensures even lower prices, all with a refund guarantee.

Dataprint 325



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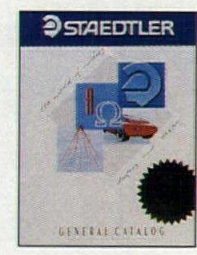
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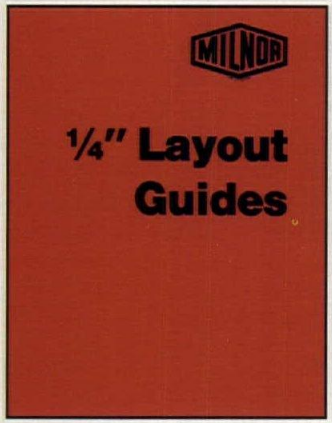


11680 - Office Equipment
 Koh-I-Noor drafting materials include a complete line of electric erasers, mechanical pencils and lead-holders, technical pens, rulers, and many other drafting aids. Along with the familiar items, are newer products such as plotter pens and supplies and a wide selection of furniture.
Koh-I-Noor 326



11680 - Office Equipment
 Freidrich Staedtler produced the forerunner of the pencil over 300 years ago. Today, Staedtler's 128 page catalog provides hundreds of illustrations of new as well as familiar pens, lead holders, templates, and technical pens.
Staedtler 327

- Other Relevant Products:**
- Abbaka - range hoods** 564
 - Kelley - dock products** 565
 - LesCare - kitchens** 566
 - Max - office equipment** 567
 - Roland - office equipment** 568
 - Saga - office equipment** 569
 - Adden - furniture** 570
 - CDA - steel framing** 571
 - Dietzgen - office equipment** 572
 - Kane - security systems** 573
 - Sonin - measuring equipment** 574
 - Ulrich - plan files** 575

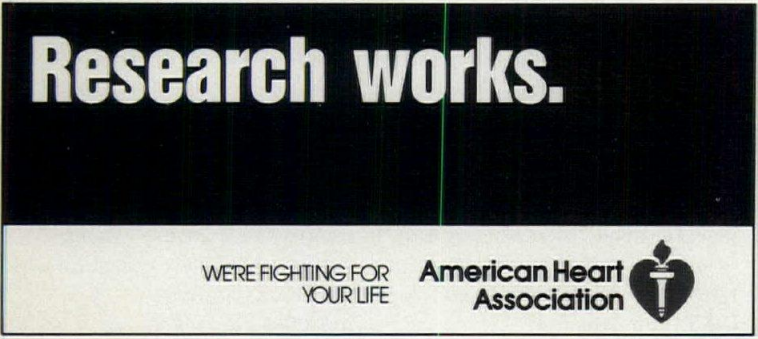


MILNOR

1/4" Layout Guides

Laundry Layout Guides:
 Free from Milnor, these 1/4" and 1/8" scale guides provide plan views of laundry machinery. Machines included range from small washer-extractors used in motels and nursing homes, up to continuous batch washing systems used in large commercial laundries, hospitals, hotels, prisons, etc. Pellerin Milnor Corporation, P.O. Box 400, Kenner, LA 70063, 504/467-9591, ext. 222.

Pellerin Milnor Corp.
 Reader Service No. 903

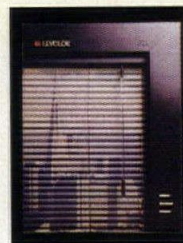


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Division 12 – Furnishings

12300 – Manufactured Casework, 12500 – Window Treatment, 12600 – Furnishings, 12670 – Rugs and Mats, 12700 – Multiple Seating



12500 - Window Treatments

Glare control, privacy, and enhanced energy efficiency, while maintaining exterior views, are the benefits of this window blind product. Small perforations in the 1/2" or 1" metal slats account for these characteristics. Over 200 colors and finish options are available.

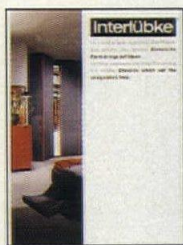
C / Levolor 328



12600 - Seating

This brochure highlights the furniture designs of Michael Shields. Available in one-, two-, and three-seat models, the furniture is made of hard maple, which can be custom detailed. Upholstered in fabric or leather, the line is intended for reception and lobby areas.

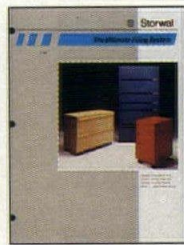
D / Brayton 329



12300 - Storage Units

Designed in Germany, the residential furniture in this 104 page catalog is designed for a diversity of storage needs. From free standing wall units, to book cases, credenzas, and stereo cabinets, the designs include finished and stained woods in contemporary styles.

Interlubke 330



12300 - Filing Storage

Lateral, vertical, and cupboard-accessed 18 and 20 gauge steel cabinets are shown in this catalog. Available on caster or stationary bases, the double bit key system provides security and keying options. Compatible with all major office furniture systems.

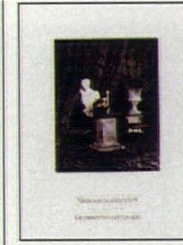
D,C / Storwal 331



12600 - Office Furniture

Made of selected solid oak, this collection of chairs, tables, desks and seating arrangements is available in natural or stained finishes, with an extensive line of fabric options. Designs are contemporary and sturdy, for use in health care, library, school, and office facilities.

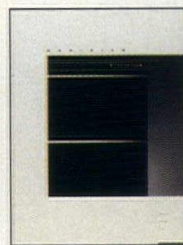
D / Adden 332



12600 - Pedestals

This catalog features pedestals, bases, and stands in the form of Classical columns and capitals, as well as marble granite and onyx table tops available in 5 edge options. The literature also shows plaster casts of classical urns and busts.

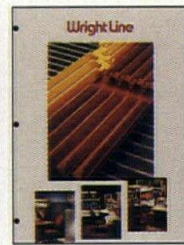
D / Chadsworth 333



12300 - Electronic Security Filing

Offering a higher level of security than traditional key accessed filing cabinets, this system relies on a low voltage electronic six digit entry code. The system allows for over 7,000 access codes, which can limit or allow access to any combination of file drawers.

D / Meridan 334



12300 - Casework

Storage units from Wrightline are designed for mixed media storage, including magnetic tape, disk, index cards, ledger, legal, and letter size documents. Units are easily adjustable for any combination of storage needs, and are lockable, slideable on tracks, or rollable on casters.

D,S / Wrightline 335



12600 - Computer Furniture

Made of 16 gauge steel tubes and high pressure laminate on particle board, this line of computer furniture is highly ergonomic. Shelves, document baskets, cable management systems, and other accessories are fully adjustable and increase the product's efficiency.

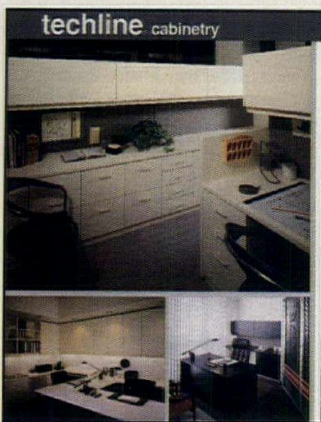
D / Anthro 336



12600 - Office Furniture

This brochure illustrates executive, managerial, operations, and conference furniture. Each set of components has been designed to address different work flow and space requirements. Finish options in fabrics, woods, and laminates are shown.

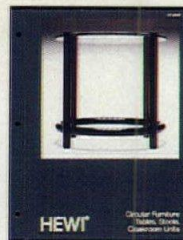
D / Haskell 337



Precise, high-quality laminate furniture and cabinetry, architect-designed, heavy-duty hardware, infinite versatility. Highly adaptable for commercial or residential interiors. Available through Techline Studios in 50 cities. A free catalog is available.

Techline

Reader Service No. 904



12600 - Stools

Constructed of seamless high-density color-injected nylon, these stools, tables, and coat racks are durable, easily washable, and Modern in style. Table tops are made of smoked or clear plate glass, the cushions of dense black foam.

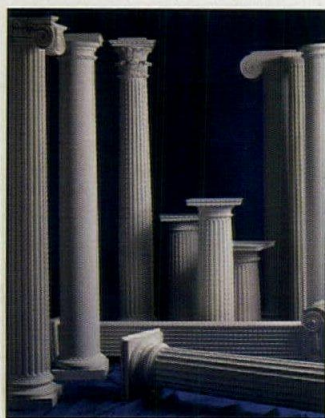
D / Hewi 338



12600 - Play Areas

These children's play structures, for interior use, come in single and duplex models. They are made of 3/4" industrial particle board with low-pressure washable laminate surfaces and class "A" fire rated carpet. The catalog lists capacity and the dimensions and weight of each unit.

D / Playscapes 339



Wooden Authentic Replication columns and pedestals are based on the classical Greek and Roman Orders (Columns). Other column styles include Contemporary, Art Deco and Architectural Stock.

A variety of sizes available in pine, redwood and other wood species. Chadsworth Columns - (404) 876-5410 or catalog requests (800) 394-5177.

Chadsworth

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12600 - Work Tables

Made from either tubular or square metal frames, with laminated work surfaces, these table gain flexibility with options such as cable management hardware and folding assemblies. Conference and seminar tables, as well as lecterns and presentation boards are shown.

D / Howe 340



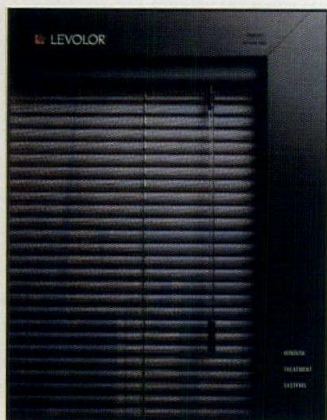
12700 - Outdoor Seating

This line of weatherproof furniture, in four basic designs, is made of tubular steel framing with wood slat, perforated steel, or 1/8" wire grid seats and backs. Available in 160 colors, the base units allow for custom configurations and can be mobile or cast in place.

D / Kroin 341

Other Relevant Products:

- Charvoz - office seating 576
- JM Lynne - wallcovering 577
- Actua - cabinets 578
- Ambience - furniture 579
- American Seating - seating 580
- Benedetti - furniture 581
- Brueton - furniture 582
- Buckstaff - computer tables 583
- Ergo - computer tables 584
- Geiger - tables/desks 585
- Girsberger - swivel chairs 586
- Kron - chairs 587
- Lowenstein - chairs 588
- TAB - furniture 589
- Davis - furniture 590
- Touhy - tables 591
- Metro - furniture 592
- HLF - furniture 593
- Balco - floor mats 594



The 1991 Catalog includes information on Levolor's full line of horizontal and vertical blinds, specialty shaped blinds, and architectural shades. Installation drawings and performance characteristics make the 27-page catalog a complete source for those specializing in commercial renovation or new construction.

Levolor Corporation

For a copy of our latest catalogue: Circle No. 905



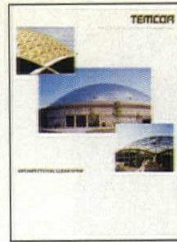
12600 - Home Furnishings

This 105 page brochure shows the complete line of Ligne Roset residential furniture. Everything from beds, sofas, desks, work tables, wall units, and dining tables and chairs, to accessories such as rugs, bedding, and coat racks are shown.

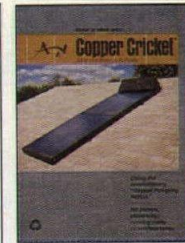
D / Ligne Roset 342

Division 13 – Special Construction

13070 – Security Doors, 13120 – Pre-Engineered Structures, 13150 – Aquatic Facilities, 13175 – Ice Rinks, 13600 – Solar Energy Systems



13120 - Pre-engineered Structures
Temcor makes geodesic and aluminum domes. The geodesic dome is a stressed-skin structure utilizing aluminum alloys, while the aluminum dome is a triangulated space-truss of wide-flange extrusions skinned with triangular aluminum panels.
Temcor 343



13600 - Solar Energy
The Copper Cricket is a passive solar water heater, engineered with no moving parts. It's patented 'geyser pumping' technology eliminates electric motors, valves, sensors, and roof-top tanks. The simple design makes it easy to install, inconspicuous, and less expensive than other systems.
C / Geo Trading 344



13070 - Ballistic Resistant Doors
As weaponry has grown more sophisticated and powerful, so have attack-resistant doors. One door by Overly provides dual threat protection against fire and ballistic attack. The company also manufactures day gates, bank pass-throughs, and sound-retardant, fire-rated doors.
C,S / Overly 345



13120 - Greenhouses
Small, lean-to, and even-span greenhouses as well as large, rigid-frame commercial greenhouses are offered by Janco. The structures can be used for gardens and nurseries, indoor pool enclosures, atria, and skylights. All models are easily adaptable to special conditions.
C,D,S / Janco 346



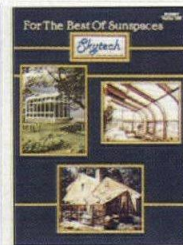
13150 - Aquatic Facilities
Aquatic Design Group is experienced in any type of water environment design including fountains, pools, waterfalls, simulated streams, ponds, lakes, residential waterscapes, and the growing waterscape industry as a whole. This brochure outlines design and technical services.
Aquatic Design 347



13600 - Solar Electric Systems
Solar electric power systems for residential and industrial applications are designed and manufactured by PhotoComm. A 100 page catalog details these and many other applications, in addition to listing technical and design data.
D / PhotoComm 348



13120 - Pre-Engineered Structures
Fabric awning systems, are supplied by this company. Complete information about framing systems, fabrics, decoration, signage, assembly, and installation are clearly described and illustrated.
D,S / Architectural Fabric Systems 349



13120 - Sunrooms
Designed to withstand extensive wind and snow loads, Skytech sunspace systems feature polyurethane thermal breaks, guaranteed 100 percent water and air tightness, and optional ventilating and shading accessories. Wood or aluminum structures can be combined.
C,D,S / Skytech 350

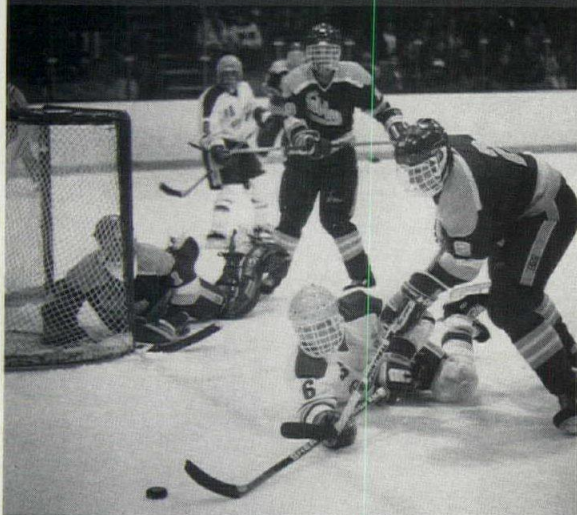


13175 - Ice Rinks
From 1968 to 1983 there has been a 312 percent growth in amateur hockey. Holmsten provides new rinks, expert engineering and consulting services, complete accessories and repair parts, and informative buying and specifying literature.
C,D / Holmsten 351

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Sunbilt Solar - sunrooms 598
Dectron - humidity control 599
Structures Unlimited - pool enclosures 600

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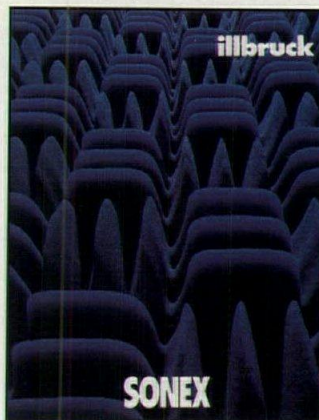
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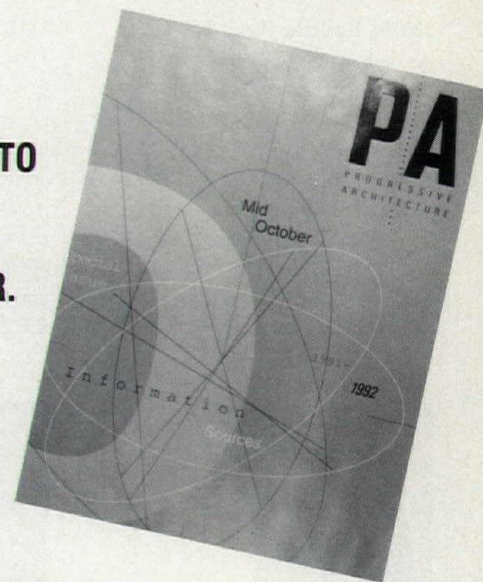
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Reader Service No. 907

Noise Control Products
New color brochure describes SONEX and SONEX 1 sound-absorbing materials. Brochure explains basic noise control techniques and presents the many forms, sizes and colors of SONEX products available for effective industrial, office and OEM noise control. Brochure also shows typical applications and includes information on acoustical performance. ILLBRUCK, INC., P.O. Box 3064, Cedar Rapids, IA 52406-9958, (800) 662-0032 or (612)520-3620.

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By Ronald R. Brand

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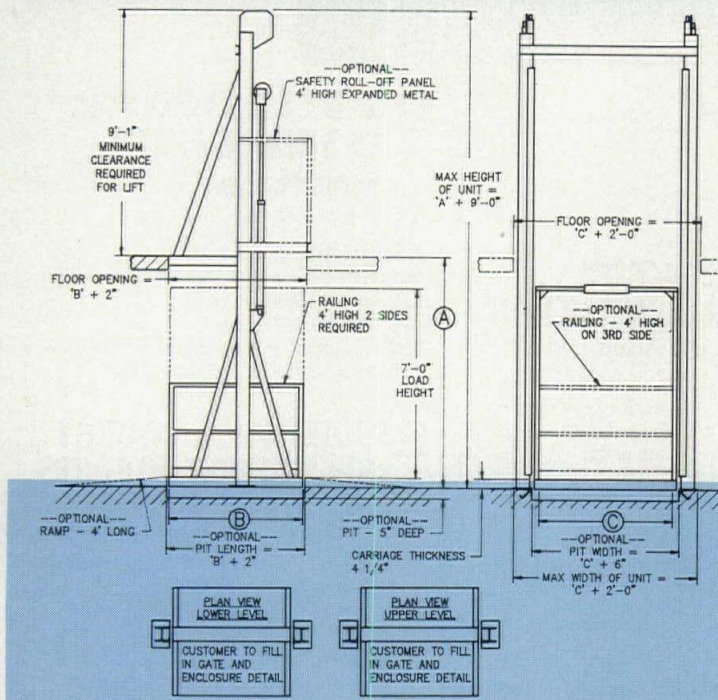
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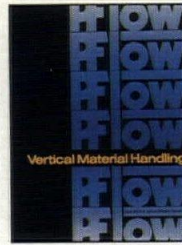


American Heart Association

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Division 14 – Conveying Systems

**14200 – Elevators, 14500 – Material Handling Systems,
14600 – Hoists and Cranes**



14600 - Vertical Handling

Vertical reciprocating conveyors are for the transportation of materials in industrial facilities. VRC's can be installed in existing multistory buildings or single story buildings with mezzanines. The VRC's described in this literature range from 100 to 12,000 pound capacities.

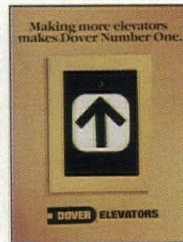
C,D / Pflow 352



14200 - Planning Guide

This 19 page planning guide describes elevators and escalators for both lowrise and highrise buildings. Speeds up to 150 feet per minute are available for low to midrise structures, while speeds up to 700 feet per minute are possible in for high rise installations.

C,D / Schindler 353



14200 - Elevators and Escalators

This literature includes a helpful planning guide that has size and capacity charts for elevators and escalators. There is also a brochure that describes the mechanical and functional options available, including freight elevators, stage lifts, and geared and gearless assemblies.

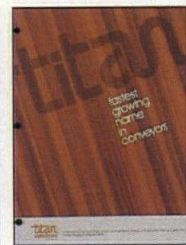
C,D,I / Dover 354



14200 - Light Use Elevators

The Inclinators Company produces vertical movement equipment for residential and light industrial uses. This catalog gives finishes, gate and cab options for new installations, and describes the retrofit of the "Elevette" personal elevator.

D,I / The Inclinators Company 355

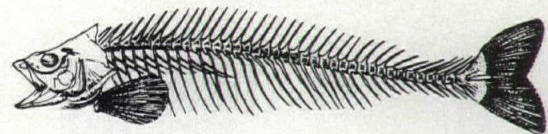


14500 - Conveyors


The conveying systems shown in this brochure are for horizontal and vertical material handling. Some of the options include belt, roller, or steel-hinged belts; speed options from 30 to 100 feet per minute, and drag chains or chain conveyors. There are 31 models featured in the brochure.

Titan 356

**Let's not
pollute our
ocean of air
like we
polluted
theirs.**



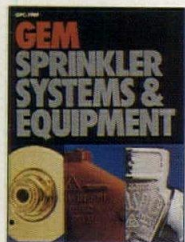
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Division 15 - Mechanical

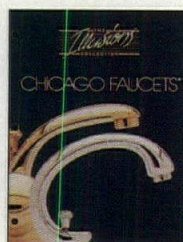
15050 - Basic Mechanical Materials and Methods, 15400 - Plumbing
15500 - Heating, Ventilating, and Air Conditioning



15050 - Piping

Over 8,000 products make up the Total Piping Package by Grinnell, including metal framing systems, pipe hangers, valves, couplings, pipe fittings, and sprinkler systems. The sprinkler division alone offers over 15 types of sprinklers and more than 250 fire protection products.

C,D,S / Grinnell-Gem 359



15400 - Plumbing

European-styled faucets crafted from solid brass are the feature of this 11-page catalog. The faucets are available in three finishes: Eurobrass, polished chrome, or white epoxy enamel, all of which are illustrated and accompanied by roughing-in dimensions.

Chicago Faucet 360



15400 - Whirlpool Showers

The inventors of the whirlpool bath are now revolutionizing the shower. The 'J-Dream', a fully programmable system, has four different functions to provide steam and massage spray.. You control temperature, spray patterns, and pulsation rates at the touch of a button.

D,S / Jacuzzi 357



15400 - Sanitary Fittings

Kroin sanitary fittings are characterized by a minimal aesthetic generally executed in polished chrome. Designed by Danish architect, Arne Jacobsen, the fittings are part of the Design Collection at MoMA. Special features include fast-fill and energy-saving valves.

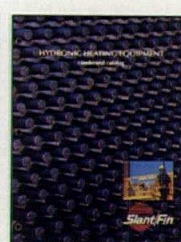
C,D / Kroin 361



15000 - Roof Vents

Continuous ridge vents in aluminum, shingle, or tile finishes are manufactured by Air Vent. The vents have a unique design that combines a wind baffle to deflect windblown elements with a weather filter that helps prevent entry of rain, snow, dust, and insects.

C,D,S / Air Vent 358



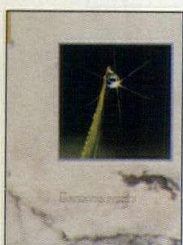
15500 - Heating, Ventilating, and Air Conditioning

This is a condensed catalog with selected information on Slant/Fin products. Featured are gas, oil, and solid fuel boilers; gas and oil modular boilers; commercial fin-tube enclosures; and baseboard radiators. Ratings for each product are also included.

Slant / Fin 362

Other Relevant Products:

- Watercolors - faucets 601**
- Aztec - coolers, HVAC 602**
- Blanco - fixtures, sinks 603**
- ConTech - flush system 604**
- Elkay - water coolers 605**
- Grohe America - showers 606**
- Johnson Controls - controls 607**
- Manville - air handling 608**
- Porcher - fixtures 609**
- Runtal - radiant heaters 610**
- Sterling - faucets 611**
- Trane - fans 612**
- Wirsbo - radiant floors 613**
- Farr - air purifier 614**
- Infloor Heating - radiant floors 615**
- Protec - cooling towers 616**
- Raydot - heat recovery 617**
- Sepco - fixture, faucets 618**
- VentAxia - ventilating fans 619**



15400 - Plumbing

As our usage of water has become an environmental concern, American Standard has created a line of water-saving toilets to accommodate the stricter usage controls and resource-conscious concerns in the U.S. The new line is available in seven different models and eleven colors.

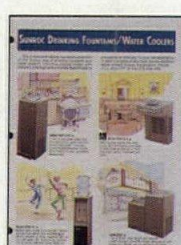
D / American Standard 363



15400 - Water Coolers

Halsey Taylor water coolers surpass the requirements of the Safe Drinking Water Act and are Certified Lead Free. Barrier free models, bi-levels, and recessed coolers are all produced in many styles and finishes. Test results and specifications are available.

C,D / Halsey Taylor 364



15400 - Water Coolers

This 8-page catalog features a wide selection of pedestal, wall-mounted, and handicapped-accessible fountains for interior and exterior applications. Each model is photographed, described, and accompanied by a specifications sheet upon request. The spec sheets are fully detailed.

I,S / Sunroc 365

Division 16 – Electrical

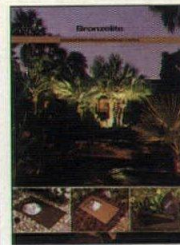
16050 – Floor Outlets, 16500 – Lighting Fixtures, 16600 – Detection Equipment, 16700 – Communications, 16900 – Controls



16500 - Lighting

Baldinger showcases eight new light fixtures designed by Michael Graves. The Graves collection consists of wall sconces, chandeliers, and recessed ceiling fixtures and lanterns all featuring antique brass and white opal acrylic. Other metal finishes are also available.

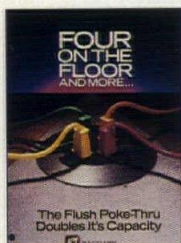
C,D,S / Baldinger 366



16500 - Landscape Lighting

The Bronzelite brochure offers thorough an overview to the technical issues in landscape design as well as a guide to the company's lighting products. Charts and drawings graphically illustrate horizontal and vertical lighting effects.

D,I,S / Bronzelite 367



16050 - Floor Outlets

Poke-thrus provide through-floor electrical service to work stations. This generation of floor outlets will also accommodate communication lines, offering better wire management in the electronic office. The receptacles also have four electric outlets rather than just two.

D,I / Race Way Components 368



16505 - Parabolic Louvers

Parabolic louver panels produce controlled lighting for visual comfort and lighting efficiency. The cell size and profile help reduce glare from fluorescent fixtures. This line of panels is available in either polystyrene, acrylic, or aluminum, in sizes ranging from 1' X 1" to 4' X 4'.

D,I / ALP 369



16500 - Exterior Lighting

This literature features low voltage garden and drive-over lighting. The units are compact and made of die cast aluminum with black powder coated corrosion resistant finishes. There are six models of drive-over lights that are installed on grade for driveway applications.

D,T / Bega 370



16500 - Tracks and Spots

Con-Tech's track lighting is built to commercial grade but is presented for residential, commercial, industrial, and institutional use. Lamp types include low voltage, tungsten-halogen, energy saving, and incandescent. The brochure includes lamp photometry charts.

D,T / Con-Tech 371



16500 - Healthcare lighting

This lighting products in this 20 page brochure are designed for use in healthcare facilities. They included flexible mounted examination and procedure lights, X-ray illuminators, and surgery and clean room troffers, overbed, nightlights, and bathroom fixtures.

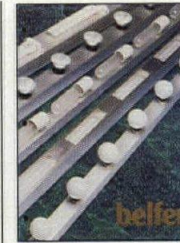
D / Alkco 372



16500 - Fixtures

Artemide's Quick Reference Catalog has a system of symbols and numbers that offer quick information about each design. Basic configurations include task, floor, wall, ceiling, suspension, and modular lighting fixtures, with halogen, incandescent, quartz and fluorescent bulbs.

D / Artemide 373



16500 - Strip Lighting

This brochure features functional and miniature light strips in a variety of styles and lamp types. The strip lighting is available in fixed or curved strips for flexibility and creativity of installation. Fluorescent or incandescent module assemblies are specified.

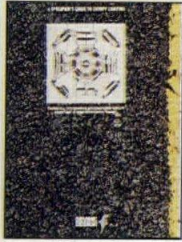
C,D,S / Belfer 374



16500 - Reflectors

This system of indirect parabolic reflectors, available in cylindrical pendant of 12" increments, provide uniform light levels at the work surface with minimal shadowing. A floating installation system allows for greater flexibility and tolerance in installation error.

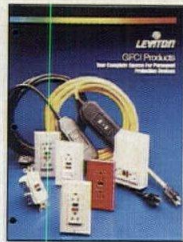
I,T / Columbia 375



16500 - Cutoff Lighting

Cutoff lighting is the exterior lighting equivalent to task lighting. The reflector shape in each lamp spreads the beam over a specific area. Reflectors can produce narrow long bands of light for roads, or square light patterns for parking lots.

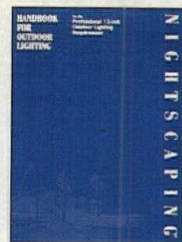
D,I / Divine Design 376



16900 - Dimming Controls

Levitron's catalog is a comprehensive source for slide, touch, four step, toggle, and rotary dimmers. The literature also includes occupancy sensors and fan speed controls. Controls can be specified for use with incandescent, low voltage, fluorescent, and low wattage lamps.

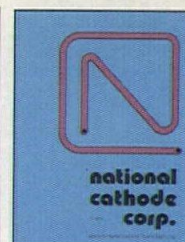
D,T / Levitron 377



16500 - Outdoor Lighting

This comprehensive 31-page catalog lists the full range of this company's 12-volt outdoor lighting. Each fixture is illustrated, described, and dimensioned. A lamp chart also is included.

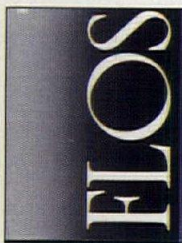
D / Loran 378



16500 - Cold Cathode

Architectural cold cathode lighting can be sculpted and bent to the configuration of walls, ceilings, and other building elements. The lamps are available in 18 mercury and seven neon colors and have life spans of up to 25,000 hours.

C,I,T / National Cathode 379



16500 - Lighting Fixtures

This catalog illustrates over 80 contemporary designs of lighting fixtures for commercial and residential use. Wall, floor, and ceiling mounted, plus desk top and pendant models are shown with frosted and etched glass, polished chrome, and baked enamel metal surfaces.

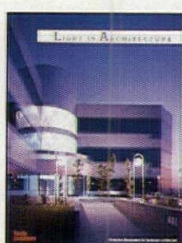
D / Flos 380



16500 - Track Lighting

Lytespan track lighting from Lightolier offers new styling in energy efficient, flexible fixtures. In addition to clearly illustrated light fixtures, this 65 page catalog has guides to low voltage applications; charts for beam spread; and light reflection based on fixture angles.

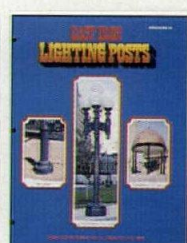
D,I,S / Lightolier 381



16500 - Landscape Lighting

Sand blasted cast aluminum, Core-ten steel, and sheet copper are typical materials used in the designs of these rugged contemporary landscape lighting fixtures. Complementary street and path lighting is available for most designs.

C,D,I / Louis Poulson 382



16500 - Lighting Posts

A wide variety of cast iron outdoor lighting fixtures are illustrated in this catalog. Reproductions of 19th and early 20th Century lamp posts, these fixtures have been widely used in historic districts around the country.

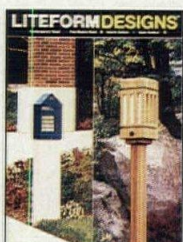
Spring City 383



16500 - Commercial Lighting

Most of this 45 page catalog is devoted to the wide range of recessed lighting fixtures produced by this company. Photos, dimensions, and specifications of each fixture is given.

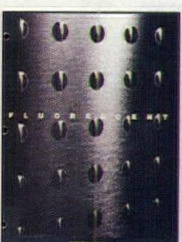
S,D / Hubbell 384



16500 - Exterior Lighting

Ceramic, wood, and coated steel and aluminum incandescent fixtures are illustrated in this 15 page brochure. Fixture configurations include wall mount, pendant, path, post, and bollard. Low voltage, fluorescent, or high pressure sodium lamps can be custom ordered for many styles.

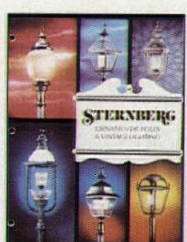
D,I / Liteform 385



16500 - Fluorescent Fixtures

Designed for commercial, industrial, institutional, retail, and residential use, the uses and applications of Metalux's fluorescent fixtures are described in this 240 page catalog. Detailed photometric charts, configurations, and other product information is featured for each fixture.

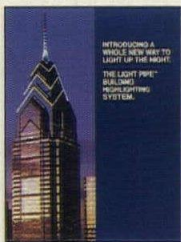
C,D,S,T / Metalux 386



16500 - Vintage Lighting

This catalog is divided into two parts: a section on vintage light poles; and a section on lighting fixtures. This division allows designers to specify combinations of fixtures and poles that are appropriate to each application. A photometrics chart gives lighting data.

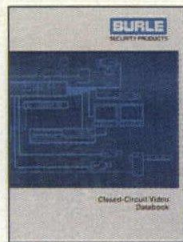
D / Sternberg 387



16500 - Building Lighting

The Light Pipe exterior lighting system is an alternative to neon for articulating building exteriors. These six inch tubes, manufactured in 44 foot lengths, can be shaped to follow any building contour. Made of lightweight acrylic, the system is weather resistant and easily serviced.

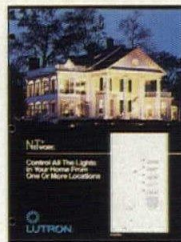
D,I / TIR Systems 388



16600 - Video Surveillance

The 202 page Burle catalog includes the cameras, video monitors, recorders, and accessories that make up a complete security system. The special features of each item and their appropriate applications are completely explained.

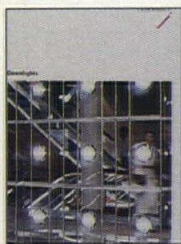
C,D,S / Burle 389



16500 - Landscape Lighting

An application matrix in this 31 page brochure guides designers. Over 50 fixtures are shown, divided into categories for uplighting, underwater, downlighting, back-lighting, pathlighting, and specialty uses. A lamp chart shows beam spread, wattage, and candle power.

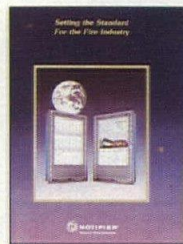
D / Lutron 390



16500 - Downlights

Ceiling recessed spot fixtures are featured in this catalog. Ten basic configurations are available. Product options include specular reflectors, clear or frosted flush or conical lenses, and specular or flush louvers. All fixtures use compact florescent lamps with digital high frequency ballasts.

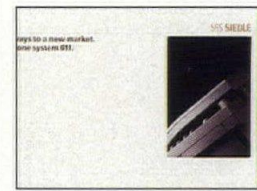
D,I / Trilux 391



16600 - Fire Detector

The Notifier microprocessor-operated fire annunciation systems include manual stations, smoke detectors, beam and duct detectors, waterflow and tamper switches, audible visual appliances, speakers and firefighter phones.

S / Notifier 392



16700 - Telephone Systems

Siedle manufactures a series of sleek telephone systems for home and office communication needs. Numerous functions can be accommodated by the wide array of phones presented in this catalog. Special functions of the 611 system include video options for door entry.

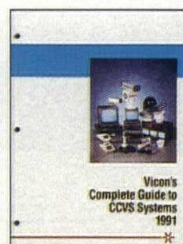
Siedle 393



16500 - Exterior Lighting

This brochure contains energy efficient Redwood fixtures. Square and soft-edged wall mounted, post mounted, and bollard fixtures are available. The fixtures use mercury vapor, high pressure sodium, and metal halide lamps. Matching benches, are also available.

D,T / Wood Form 394



16600 - Video Surveillance

This extensive catalog of closed circuit monitoring systems is divided into sixteen clearly marked chapters. Technical information addresses criteria by which a system may be selected, such as temperature and humidity ranges, recommended radio frequencies, and power consumption.

C,D,S / Vicon 395



The Nimbus Series

The Nimbus series is available in many finishes and in fluorescent, incandescent, or metal halide lamping. Shown here is the Nimbus NSD in brass and chrome finish. This fixture is available in 26" and 45" diameters. Complementary sconce and ceiling mounted fixtures are available. The Original Cast Lighting, a division of Art Directions Inc., 6120 Delmar St., St. Louis, MO 314-862-1895.

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Acoustical

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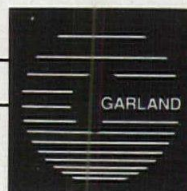
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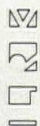
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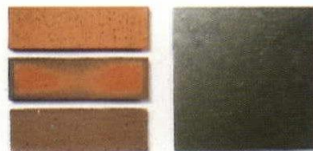
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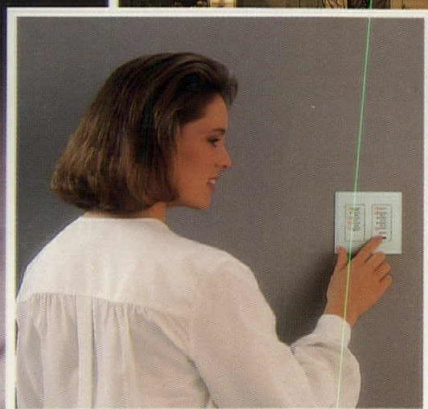
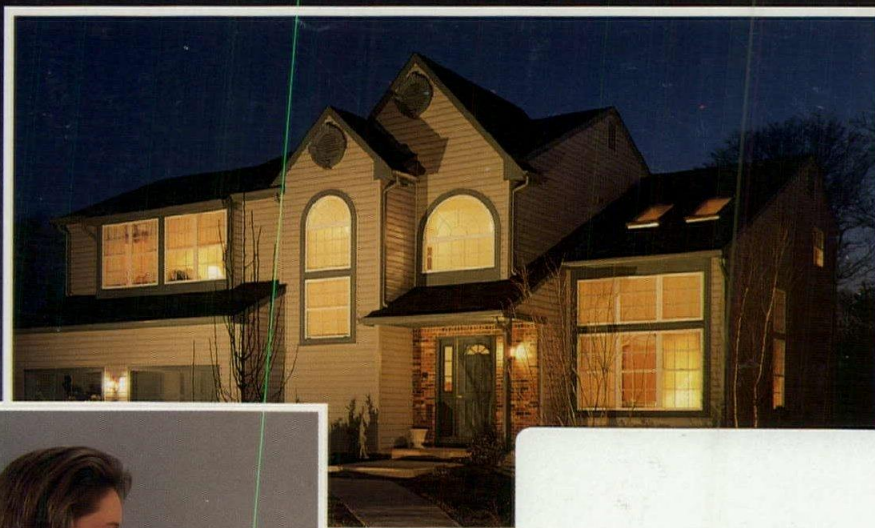
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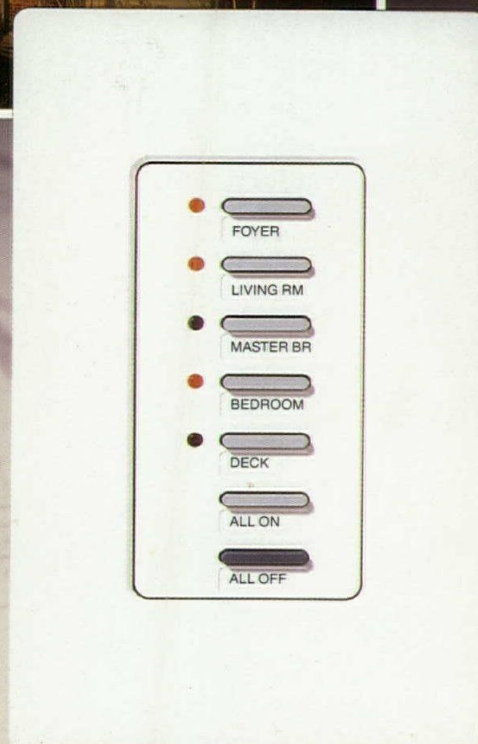
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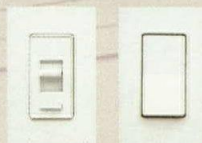
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