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(617) 935-7370

Circle No. 500 on Reader Service Card
Information Sources Issue

Editor in charge: Thomas Fisher

2 Professional Information Index
An index of the issue by subject, cross-referenced to specific information sources.

5 Manufacturers’ Literature Index
An alphabetical index of manufacturers with literature in the issue.

Professional Information

7 Practice
Sources of information on architectural education, computers, construction management, facility management, grants/scholarships/fellowships, law, marketing, practice management, project management, registration, specifications.

10 Design
Sources of information on accessibility, climate, codes, color & color psychology, correctional, cultural, daylighting, design presentation, educational, elderly design, energy conservation, fire protection, history/theory, housing, industrial, offices, preservation/restoration, recreational, religious, restaurant & hotel design, retail, security, seismic, transportation.

15 Allied Disciplines
Sources of information on acoustics, engineering, environmental psychology, graphic design, industrial design, interior design, landscape architecture, photography, planning, urban design.

Technics
Sources of information on brick, ceilings, coatings, concrete, curtain walls, doors & hardware, elevators/stairs, fabrics, flooring, foundations, furniture, glass, indoor air quality, insulation, lighting, masonry, material standards, paint & wallcovering, plastics, plumbing, roofing, steel, tile, waterproofing, windows, wood.

24 Reference and Recognition
Sources of information on annual design competitions, awards programs, book publishers, bookstores, database vendors, design, magazines, general information, newspapers.

Manufacturers’ Literature

Landscape Elements

Structures

Cladding and Exterior Finishes

Doors, Windows, and Glazing

Thermal and Moisture Protection

Interior Finishes

Furnishings

Special Components and Equipment

Plumbing and Mechanical Equipment

Lighting and Electrical Equipment

Office Equipment and Services

This issue could not have been published without the help of the following two people who were not on the regular PIA staff—Donald DeBruin, Julie Medinger.

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How to Use this Issue

If you are interested in a particular subject:

Subject headings are listed alphabetically in the issue under five main categories: Practice, Design, Allied Disciplines, Technics, and Reference and Recognition. The professional information index (page 2) provides cross-references and exact page numbers for each subject. This index also lists the reader service numbers of all subject-related manufacturer's literature and a listing of all associations and where they can be found in the issue.

If you are interested in a particular product:

Manufacturer's Literature is arranged in eleven categories: Landscape Elements; Structures; Doors, Windows, and Glazing; Thermal and Moisture Protection; Interior Finishes; Furnishings; Special Components and Equipment; Plumbing and Mechanical Equipment; Lighting and Electrical Equipment; and Office Equipment and Services. The Manufacturer's Literature Index on page 5 lists the reader service and page numbers of each piece of literature. The Advertiser's Index on the final page of this issue gives the exact page number of advertised products.

About the Five Categories of Professional Information:

Practice covers the business side of architectural practice including education and registration, law, management, and computers.

Design covers building types (such as health care or correctional facilities) and design considerations (such as accessibility or energy conservation). This year's issue also includes a new section on History/Theory which lists reference books in each area.

Technics provides sources of information on building materials and technical systems. Sub-headings list relevant CSI numbers for easy reference.

Allied Disciplines contains information on organizations that represent professions with whom architects normally consult. Books and articles listed in this section stress the relationship between these allied disciplines and architecture.

Reference and Recognition supplies the sources of general architectural information that can help locate further information on any architectural subject. Book publishers and database vendors provide useful phone numbers and addresses to help locate works listed elsewhere in the issue. This section also lists annual design competitions, awards programs, and architectural and consumer publications.

Keep in mind:

- Each subject lists relevant associations, conferences, periodicals, books, and magazine articles.
- Publications produced by associations are listed under the "association" listing rather than under the general listing of "periodicals" in each section (i.e. Landscape Architecture magazine is listed under the ASLA).
- All dates are 1990 unless otherwise specified.
- Magazine articles listed are from P/A, Architecture, Architectural Record, Building Design and Construction, and the Construction Specifier. For articles in other publications consult the Architectural Index in your local library or Vance or AIA Bibliographies.
- Vance Bibliographies are available from Vance Bibliographies, Inc., 112 N. Charter Street, P.O. Box 229, Monicello, IL 61856 (217) 762-3831.
- AIA Bibliographies are available from the AIA library (202) 620-7492.
- Book publishers are listed on page 25.
**Marketing**

(see also Practice Management)

**Associations**

American Marketing Association
250 South Wacker Dr, Suite 200
Chicago, IL 60606
(312) 369-4487

Publications: Management of Marketing and Application: quarterly.

Public Relations Society of America
33 Irving Place
New York, NY 10003
(212) 596-2222


New A/E Liability Group, P. A.
(617) 779-6725

Partners' Legal Disputes, P. A.
Feb 1988

Proving a delay, P.A.
Dec 1988

A Threat to Licensing, P.A.
May 1989

Using Ligation, P.A.
Oct 1988

Verifying Site Surveys, P.A.
Jan 1988

Verifying Zoning Maps, P.A.
Jan 1988

**Magazine Articles**

"Life Behind the Logos: Corporate Clients," P.A., Jan 1988


"Producing a Successful Brochure," The Construction Specifier, Feb 1988

**Databases**

Construction Marketer (Tecton Media, Inc., 318 Madison Ave, New York, NY 10017)

Marketing Software/Project & Consultant Marketing Software (Architectural Consultants, 137% Park Lane, Kirkland, WA).

Audiovisual

Tapes of AIA marketing seminars and convention speeches available. Contact (202) 626-7536.

**Practice Management**

(see also Practice Management)

**Associations**

National Association of Financial Managers in the AEC Industry
PO Box 18918
Okahoma City, OK 73118
(405) 742-9400


Conferences: Apr, Hawaii, Oct, Cambridge, MA.

Comments: provides financial information and insurance.

Practice Management Associates
10 Mill St
Alexandria, VA 22314
(703) 684-3993

Publication: Management Reports: 3-4/yr.


**Periodicals**

Architectural Economic Newsletter (University of Illinois, Chicago 61821-4436, (217) 352-6511).

Architects' Office Management and Administration Report (Institute of Office Management, 5 W. 36th St, New York, NY 10018; monthly).

Guidelines: New Directions and Technical Design Practices (Guidelines, 18 Evergreen Dr, Box 456, Orinda, CA 94563, (415) 254-5936; monthly.

Professional Design Practices Newsletter (Olden/Associates, P.O. Box 22772, Tampa, FL 33622, (813) 573-0908).

Bibliography


Bibliography


Bibliography


Bibliography

Directory of Trade Associations Useful for the Architect in Practice, D. Ballast, Vance Bibliographies (Olden/Associates, P.O. Box 22772, Tampa, FL 33622, (813) 573-0908).

Bibliography


Bibliography


Practice Management

(see also Practice Management)

**Associations**

American Marketing Association Designspecifications International, Inc.
P.O. Box 158
Waterloo, ON N2J 329, Canada
(519) 741-9605

Comments: Project management workshops.

Professional Development Institute
(see Practice Management)

Professional Services Management Association
(see Practice Management)

Project Management

(see also Practice Management)

**Associations**

American Marketing Association
Designspecifications International, Inc.
P.O. Box 158
Waterloo, ON N2J 329, Canada
(519) 741-9605

Comments: Project management workshops.

Professional Development Institute
(see Practice Management)

Professional Services Management Association
(see Practice Management)

Project Management Institute
P.O. Box 47
Drexel Hill, PA 19026
(610) 226-1797

Professional

Project Management Journal (PMJ, 5% Francis Webster, W. Carolina University, School of Business, Cullowhee, NC 28723): Syr.

Books


**Registration**

(see also Material Standards)

**Associations**

American Society for Testing and Materials (see Material Standards)

Construction Specifications Institute 601 Madison Ave, New York, NY 10017.

(703) 684-0390


Complete certification: Jun 29-July 1, Chicago, IL

Periodicals

Consulting Specifying Engineer (CSE) Publisher: Building and Construction Group, CSE's Plaza, 1530 E. Touhy Ave, Des Plaines, IL 60018: 13/yr.

Masonry Institute, 5 W. 36th St, New York, NY 10018.

(613) 235-1115

Bibliography

Nov. 1988 to Feb 1989, with coordinates the landscape architecture and design

**Practice**


Council of Landscape Architectural Registration Boards 309 S. Franklin St, Syracuse, NY 13202

(515) 472-1717

Conferences: Mar. and Sep.

Contact the council for the landscape architecture licensing exam.

Institute of Design and Construction 17575 New York Ave NW, Suite 700
Washington, DC 20006

(202) 785-7300


National Council for Interior Design Qualification 113 E. 25th St
New York, NY 10010

(212) 473-1188

Comments: test NCIDQ exam. The Board at 2950 Bayard Dr
Tallahassee, FL 32308

(850) 784-4334

Comments: prepares architects for and administers registration exams.

Bibliography


Magazine Articles

"P/R Reader Poll: Internship and Registration.
June 1989.

**Specifications**

(see also Material Standards)

**Associations**

American Society for Testing and Materials (see Material Standards)

Construction Specifications Institute 601 Madison Ave, New York, NY 10017.

(703) 684-0390


Complete certification: Jun 29-July 1, Chicago, IL

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Masonry Institute, 5 W. 36th St, New York, NY 10018.

(613) 235-1115

Bibliography


Masonry and Interiors Specifiers (AEC, (800) 424-5080).


Thomas' Register Online (DIALOG).
Accessibility, climate, codes, color & color psychology, correctional, cultural, daylighting, design presentation, educational, elderly design, energy conservation, fire protection, history/ theory, housing, industrial, offices, preservation/ restoration, recreational, religious, restaurant & hotel design, retail, security, seismic, transportation

Design


Magazine Articles

Databases
Bin and Degree Hour Weather for Simplified Energy Calculations, ASHRAE Software (51 cities on 5 disks). Compexides (BRS, DIALOG) CODES (CC).

0 Codes

Associations
AIA Building Performance and Regulations Committee, 1717 New York Ave NW, Washington, DC 20006 (202) 626-7448
Comments manages liaison activities for the architect with the national standards, codes, and rule-making organizations.
Building Officials and Code Administrators International
4651 West Flossmoor Rd
Country Club Hills, IL 60478
(312) 299-2300
Comments manages liaison activities for the architect with the national standards, codes, and rule-making organizations.

Climate

(see also Energy Conservation)

Army Corps of Engineers
Cold Regions Research and Engineering Laboratory
72 Lime Rd
Hanover, NH 03755-1290
(603) 646-4100

Publications
Benches newsletter.
National Climatic Data Center
Federal Building
Asheville, NC 28801
(704) 259-0682

Publications Local Climatological Data: monthly and annually for each weather service station. Online services floppy disks can be ordered.

Periodicals
Climate Dynamics (Springer-Verlag, 175 Fifth Ave, New York, NY 10010 (212) 460-1500): quarterly.
Climate Monitor (University of East Anglia, Climatic Research Unit, School of Environmental Sciences, Norwich NR4 7TJ England): quarterly.

Bibliographies

Architecture and Climate. AIA Bibliographies B42.


Magazine Articles


Bibliographies (BRS, HUD User (see above)

Building Code Requirements for Concrete Masonry Structures and Commentary, American Concrete Institute, 1985.


Magazine Articles

Databases

CODEExeter (Architect, PO Drawer 152, Chelmsford, MA 01825 (508) 274-1300).


Color and Color Psychology

Associations
Color Association of the USA 343 Lexington Ave, New York, NY 10016
(212) 683-5531


Comments forecasts color trends for interior and exterior design.

Databases

Environmental Design Research Association
(see Environmental Psychology)

International Color Association
% Dr. J. Walraven
Institute for Perception TNO
Postbus 23
Soestberg, Netherlands


Publications AIC Newsletter: irregular.
Proceedings of International Color Congress: annual.

Inter-Society Color Council % James Golomb
Gol Geigy Corporation
9101 Research Park Dr
Madison, WI 53711
(608) 256-7200

Comments applies knowledge of color in art, science, and industry.

Periodicals
Color Research and Application (Wiley & Sons, 605 Third Ave, New York, NY 10058: bimonthly.

Bibliographies


Books


References


Books

Corrections Facilities

Associations
American Correctional Association 8025 Laurel Lake Court, Suite 254, Hagerstown, MD 21740

Publications
Criminal Justice Newsletter (with the American Jail Association) Reno, NV; October, Chicago, IL

Comments
focus on crime prevention and security issues and the improvement of justice and correction facilities.

American Correctional Association

Publications
"PIA Inquiry: Correctional Facilities," Criminal Justice Periodicals Index

Comments
addresses concerns with correctional facilities.

Correctional Facilities

Justice Facilities.

Publications
"PIA Inquiry: Correctional Facilities," Criminal Justice Periodicals Index

Comments
focus on crime prevention and security issues and the improvement of justice and correction facilities.

Cultural Facilities

Associations
American Association of Museums 1225 E 15th St NW, Suite 200 Washington, DC 20005 (202) 289-1818

Publications

Comments
provides information about the technical areas of theater architecture.

Pia Marque (Theater Historical Society of America, 624 Wayne Rd., Springdale, PA 19064(5): 5yr.

Marque (277 Richmond St, West Toronto, Ont. M5V 1X 1, Canada. (416) 593-7044): 12yr.


Architectural Planning and Design. Conference mid-Feb, Ottawa, ONT; May 7, (with the American Jail Association) Reno, NV; October, Chicago, IL

Comments
focus on crime prevention and security issues and the improvement of justice and correction facilities.

American Correctional Association 8025 Laurel Lake Court, Suite 254, Hagerstown, MD 21740

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provides information about the technical areas of theater architecture.

Pia Marque (Theater Historical Society of America, 624 Wayne Rd., Springdale, PA 19064(5): 5yr.

Marque (277 Richmond St, West Toronto, Ont. M5V 1X 1, Canada. (416) 593-7044): 12yr.


Architectural Planning and Design. Conference mid-Feb, Ottawa, ONT; May 7, (with the American Jail Association) Reno, NV; October, Chicago, IL

Comments
focus on crime prevention and security issues and the improvement of justice and correction facilities.

American Correctional Association 8025 Laurel Lake Court, Suite 254, Hagerstown, MD 21740

Publications
Criminal Justice Periodicals Index

Comments
addresses concerns with correctional facilities.

Correctional Facilities

Justice Facilities.

Publications
"PIA Inquiry: Correctional Facilities," Criminal Justice Periodicals Index

Comments
focus on crime prevention and security issues and the improvement of justice and correction facilities.

Cultural Facilities

Associations
American Association of Museums 1225 E 15th St NW, Suite 200 Washington, DC 20005 (202) 289-1818

Publications

Comments
provides information about the technical areas of theater architecture.

Pia Marque (Theater Historical Society of America, 624 Wayne Rd., Springdale, PA 19064(5): 5yr.

Marque (277 Richmond St, West Toronto, Ont. M5V 1X 1, Canada. (416) 593-7044): 12yr.


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Associations
American Association of Museums 1225 E 15th St NW, Suite 200 Washington, DC 20005 (202) 289-1818

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Marque (277 Richmond St, West Toronto, Ont. M5V 1X 1, Canada. (416) 593-7044): 12yr.


Architectural Planning and Design. Conference mid-Feb, Ottawa, ONT; May 7, (with the American Jail Association) Reno, NV; October, Chicago, IL

Comments
focus on crime prevention and security issues and the improvement of justice and correction facilities.
Residential Construction and Design, F. Hop.


Magazine Articles

Designs
HUD User Online (BRS)

1. Industrial Facilities

Associations
American Institute of Plant Engineers
3975 Five Ave
Cincinnati, OH 45208
(513) 561-6000

Books
Plant Engineering: A Selected Bibliography

Periodicals
Materials Handling Engineering
(Penton Publishing)
1180 Superior Ave, Cleveland,
OH 44114: monthly.

Plant Engineering
Cahnner's Publishing Co.,
249 W. 17th St, New York,
NY 10112: (212) 645-0076: semi-monthly.

Materials Handling and Engineering
(McLean Hunter Ltd, 77 Bay St, Toronto,
ONT M5W 1A7, Canada): monthly.

Blue Ocean Architectural: Industrial Buildings:
New—And Remodeled, 1981-1983,

Design of Factory and Industrial Buildings: A Bibliography,

Grain Storage Buildings: A Bibliography,

Steam Plant Design: A Bibliographic Overview of Design and Equipment, Wesley K. Design,
Plant Failures, Safety and Fire Protection,


Water Works and Water Pumping Stations:
Periodical Literature, 1920-1985,

Books
Planning and Building for Industrial Storage and Distribution, P. Falconer. Van Nostrand Reinhold.
1987.

Magazine Articles

Books
1987.

Magazine Articles

Designs
Council on Tall Buildings and Urban Habitat
Building 13 Lehigh University
Bethlehem, PA 18015
(215) 258-3515

Publications
Monographs on Tall Buildings, International Conference Proceedings, Bibliographies on Tall Buildings, Datapage Professional Specialties Database (NTIS: #BPR5-234905).
Office Systems Research Association
St John Stallard
501 Gire Hill Rd
College of Business
Western Kentucky University
Bowling Green, KY 42101
(502) 745-5446

Publications
Office Systems Research Journal, 121 yr.
Office Technology Research Group
Box 63
Pasadena, CA 91110
(818) 796-2675

Conferences
National Commercial Buildings Exposition and Conference (contact Stamats Communications)
Toronto, ON (319) 364-6167.

Periodicals
Modern Office Technology (Penton Publishing),
1180 Superior Ave, Cleveland,
OH 44114, (216) 645-4093: monthly.

Office (Office Publications, 1600 Summer St, St.

Office Equipment and Methods (McLean Hunter Publishing, 777 Bay St, Toronto,
ONT M5W 1A7, Canada. (416) 596-5920).

Professional Office Design (118 Ave, New York,
NY 10011, (212) 741-8300: bimonthly.

Today's Office (Hearst Business Communications, Inc.)
425 N 6th Ave, New York,
NY 10011, (212) 741-8300: monthly.

Bibliographies
Consultative AIA for specific office topic bibliographies.

American Skycrapers, Lamia Doumatou.

Architects' Offices: Trends and Styles: A Bibli­


Books
Behavioral Issues in Office Design, Jean Wine­


Designing the Automated Office, William Pullman and Richard Sonin. Whitney Liber­
ary, 1983.


Design

Technology and Aesthetics in the Design of Tall Buildings, American Society of Civil Engi­

Meetings


"Three Ways to Use Spec (Specialistic Office Buildings)," Architectural Record, July 1988.

Preservation and Restoration
Associations
AIA Committee on Historic Resources
1755 New York Ave NW
Washington, DC 20006
(202) 626-7452

Publications
Guide to Historic Preservation, Washington, DC. National Park Service
Conferences Feb 23-25, Washington, DC.
Comments promotes historic building and conservation. Members promote the association.

Preservation and Restoration
1988
Associatives in Cleaning and Restoration
1080 Amaris I Park Rd, Ste 312
Ann Arbor, MI 48105
(313) 694-4011

Publications
Cleaning and Restoration: monthly.

Conferences
Mar 35-39, New York. National Park Service PO Box 421933, Post Main Office
San Francisco, CA 94112.

Preservation and Restoration
Heritage Canada Foundation
393-395 Wellington St.
Ottawa, ON K2P 1S2, Canada
(613) 237-1807 or (613) 237-1096.

Comments Oct 12-14, Vancouver, BC, Canada.
Comments promotes the preservation and restoration of historic buildings. Members promote the association.

National Trust for Historic Preservation
1785 Massachusetts Ave NW
Washington, DC 20036
(202) 359-3000

Publications

National Trust for Historic Preservation
Library
University of Maryland
College Park, MD
Comments a resource center for historic sites, buildings, and objects.

Office of Park Historic Architecture
National Park Service 422 U. Washington, D.C. 20002
Comments a resource center for historic preservation.

Periodicals

The Conservation and Restoration of Build­
Acoustics, environmental, engineering psychological, graphic design, industrial design, interior design, landscape architecture, photography, planning, urban design

 Allied Disciplines

Acoustics

Associations


Periodicals


Engineering

Associations


Brick, ceilings, coatings, concrete, curtain walls, doors & hardware, elevators/stairs, fabrics, flooring, foundations, furniture, glass, indoor air quality, insulation, lighting, masonry, material standards, paint & wallcovering, plastics, plumbing, roofing, steel, tile, waterproofing, windows, wood

**Brick**
(see also Curtain Walls, Masonry)
CSI 04200

**Associations**
- Brick Institute of America
  11490 Commerce Park Dr
  Reston, VA 22091
  (703) 620-0010
- Brick in Architecture: 5th Ed.
  Technical notes on brick construction updated periodically. Selection of contemporary brick details.

**Conferences**
- Oct 21–24, Marco Island, FL
  New York Brickwork Design Center
  211 East 56th St
  New York, NY 10172
  (212) 519-5577

**Publications**
- Brickwork Design: quarterly
- Periodical on masonry

**Bibliographies**

**Books**

**Magazines**

**Ceilings**
(see also Interior Design) CSI 06545

**Associations**
- Association of Wall and Ceiling Industries
  1600 Cameron St
  Alexandria, VA 22314
  (703) 684-2924
- Ceiling Association of North America
  1515 P St., NW, Suite 700
  Washington, DC 20005

**Publications**
- Ceiling Materials: monthly
- Ceiling Systems: bi-monthly
- Conferences Apr 25–27, Las Vegas, NV
- Conferences Apr 29–30, Louisville, KY
- Publications Ceiling: quarterly

**Coatings**
(see also Waterproofing, Insulation, Paint)
CSI 01780, 01790, 07240, 07990, 09290, 09890

**Associations**
- Adhesive and Sealant Council
  825 East 64th St
  Chicago, IL 60611
- Concrete and Construction: A Journal of the American Concrete Institute
  825 East 64th St
  Indianapolis, IN 46220

**Publications**
- Concrete: monthly
- Publications: quarterly
- Conference Apr 21–23, Houston, TX
- Conference May 21, Houston, TX
- Conferences Mar 9–11, Seattle, WA

**Concrete**
CSI 03090

**Associations**
- American Concrete Institute
  PO Box 19150
  24940 W. eleven Mile Rd.
  Detroit, MI 48219
- National Precast Concrete Association
  1317 W. Gregory Dr
  Indianapolis, IN 46260

**Publications**
- Concrete Construction: monthly
- Publications: quarterly
- Conference Apr 25–27, Las Vegas, NV
- Conferences May 20–22, Chicago, IL

**Conferences**
- Jan 21–23, Houston, TX
- Conference May 9–11, Nashville, TN

**Books**

**Bibliographies**

**Magazines**
- Concrete: monthly
- Publications: quarterly
- Conference Apr 25–27, Las Vegas, NV
- Conferences May 20–22, Chicago, IL

**Conferences**
- Jan 21–23, Houston, TX
- Conference May 9–11, Nashville, TN

**Books**

**Bibliographies**

**Magazines**
- Concrete: monthly
- Publications: quarterly
- Conference Apr 25–27, Las Vegas, NV
- Conferences May 20–22, Chicago, IL

**Conferences**
- Jan 21–23, Houston, TX
- Conference May 9–11, Nashville, TN

**Books**

**Bibliographies**
Concrete Floors on Ground, 2nd Ed. Portland Cement Association, 1983.
Design and Construction of Concrete Slabs on Grade. American Concrete Institute. #SCM 11, 1984.
Guide to Cast-in-Place Residential Concrete Construction, American Concrete Institute #S32-R, 1984.
Magazine Articles
Furniture
(See also Interior Design, Fabric) CS12600 Associations
Association
American Society of Furniture Designers
521 South Halsted St
PO Box 2686
High Point, NC 27261
(919) 884-4074
Comments provides a forum for the exchange of information and ideas about furniture.
Business
International Furniture Manufacturers Association
2353 Burton St SE
Grand Rapids, MI 49506
(616) 243-1681
Comments serves as a general information source for the industry. Contract
Furnishings Council
1190 Merchandise Mart
Chicago, IL 60654
(312) 321-0565
Comments educates people about the contract furniture industry.
FORMA, Center for Interior Furniture and Decorative Accessories
(A Division of the National Trade Commission) PO Box 55698
Atlanta, GA 30343
(404) 525-0660
Comments promotes interior furniture, lighting, and design. Resources
Council, Inc
200 Lexington Ave, Suite 227
New York, NY 10016
(212) 552-3797
Conferences Design New York: Oct 10-13, New York, NY 10016
Publications RCI ONLINE: quarterly.
Comments acts as a liaison between the interior furnishings industry and the design profession.
Conferences
(see also Conferences)
International Furniture Fair, Jan 25-28, Cologne, West Germany (contact (212) 974-8839).
Paris International Furniture Exhibition, Jan 13-17, Paris, France (contact International Trade Exhibitions in France (212) 889-8729).
Scandinavian Furniture Fair, May, Copenhagen (contact 2500 Center Blvd 5K, 25900, Copenhagen, Denmark (615) 574-4345
Periodicals
FDM-Furniture Design & Manufacturing (Delta Communications, Inc 450 North Michigan Ave, 13th Floor, Chicago, IL 60611): monthly.
Furnishings Industry Research Association
Furnishings Product Design (Santell Business Publications, 6420 Victoria Ave, Unit 8, Montreal QUE. H3W 2B7, Canada, (514) 731-5520): 6x.
Furniture World (530 Fifth Ave, Elmhurst, PA 18043): monthly.
Bibliographies
Books
Indoor Air Quality (see also Insulation)
Associations
Asbestos Information Association of North America
1745 Jefferson Davis Highway, Suite 509 American Legion Building, Arlington 22202 (703) 415-1360
Publications News & Notes: monthly. Comments promotes information concerning asbestos.
Center for Environmental Management, Division of Education and Training, Tufts University
Curitt Hall
474 Easton Ave
Medford, MA 02155
(617) 381-3551
Publications Newsletter: 3-4x, additional list on request.
Comments educates contractors to become better in asbestos management abatement and provides technical assistance to the general public.
Safe Building Alliance
655 15th Street NW, Suite 1200
Washington, D.C. 20005
(202) 772-8063
Comments promotes building safety through education about asbestos.
Bibliographies
Asbestos. AIBA Bibliography P(151).
Indoor Air Pollution. AIBA Bibliography P(154).
Books
Magazine Articles
Databases
Asbestos Information (QL Systems). Hazardlines (BRS).
Insulation (see also Indoor Air Quality, Energy Conservation)
Associations
Center for Insulation Technology
Developmental Mechanical Engineering and Mechanics Department
Drexel University
Philadelphia, PA 19104
(215) 895-1833 [Dr. Harold Lorsch]
Publications Insulation Report: bimonthly. Comments provides information on insulation to industry and building community.
Exterior Insulation Manufacturers Association
50 Madison Avenue
Wakefield, R.I. 02879
(401) 785-5067
Comments develops industry standards, and provides information on insulation.
Books
Building with Glass Blocks, Bob Penkoven
Magnesium EMA Industry Brochure. 10 Reasons To Go Outside. The Outside In: options available.
Insulation Contractors of America
50 Madison Ave
Wakefield, R.I. 02879
(401) 590-0000
Comments develops industry standards, and provides information on insulation.
International Association of Lighting Designers
18 East 16th St, Suite 208
New York, NY 10003
(212) 705-7926
Conference Aug, Baltimore, MD.
Comments provides research and information about illumination.
International Association of Lighting Designers
18 East 16th St, Suite 208
New York, NY 10003
(212) 705-7926
Publications Lightview International: quarterly.
Conference Nov 10, New York City (contact National Expositions (212) 391-9111.
Comments promotes professional lighting designs.
Mineral Insulation Manufacturers Association
1424 K St, NW
Alexandria, VA 22314
(703) 684-0884
Publications Insulation Reporter: as needed. Comments promotes energy conservation and increased thermal standards in housing.
National Insulation Contractors Association
99 Canal Center Plaza,
Suite 222
Alexandria, VA 22314
(703) 685-0422
Conferences Mar 25-29, Palm Springs, FL.
Oakhridge National Laboratory
Building Materials Program
Building Envelope System Program (615) 574-5434
Periodicals
Contractors Guide (Century Communications, W. Howard St, Niles, IL 60648, (703) 647-1200): monthly.
Roofing, Caulking and Insulation (Peter Doyle Publishing Ltd, Wilmington House, Church Hill, Darford DA2 7EF, England): 10x.
RFA (RA Seal/Sealing/Insulation) (Hexcourt, Brace Jovanceco, Inc 7500 Old Oak Blvd, Cleveland, OH 44130, (216) 243-8100): monthly.
Bibliographies
Acoustics, Noise, and Soundproofing, AIA Bibliography P(575).
Books
Asbestos Insulation, Arias (see also Insulation).
Books
Insulation Manual: Homes and Apartments. National Research Center, NAHB.
Thermal and Acoustic Insulation, Rudolph Diamant, Butterworths, 1986.
Magazine Articles
Lighting (see also Daylighting)
CS16500 Associations
American Home Lighting Institute
435 North Michigan Ave, Suite 1717
Chicago, IL 60611
(312) 444-9328
Conference Sep 17-20, Scottsdale, AZ.
Comments: provides marketing for the lighting industry.
Edison Electric Institute
(See also Illuminating Engineering Society of North America)
545 E. 7th St, 9th Floor
New York City, NY 10017
(212) 705-7926
Conference Aug, Baltimore, MD.
Comments provides research and information about illumination.
International Association of Lighting Designers
18 East 16th St, Suite 208
New York, NY 10003
(212) 705-7926
Publications Lightview International: quarterly.
Conference Nov 10, New York City (contact National Expositions (212) 391-9111.
Comments promotes professional lighting designs.
**Technics**

**Comments** promotes the manufacture and sale of cut-up marble and onyx products.

**Plastics and Rubber Institute**

11 Hobart Place
London, 0W1, England
01-245-9555

Publications

- Comments conducts courses and training programs in plastics.
- Periodicals: Canadian Plastics, Modern Plastics, Plastics and Rubber Processing and Applications, Plastic Arts andRubber innsstitute.

**Plastics Institute of America**

Stevens Institute of Technology
Castle Point Station
Hoboken, NJ 07030
(201) 420-6700

Publications

- Catalog of Polymer Sciences and Engineering: bimonthly. Periodicals and special reports.
- Comments conducts courses and training programs in plastics.

**Plastics World**


**Piping**

**Csi** 15400

**Associations**

- American Society of Plumbing Engineers: 5617.17. 3540 Olds Blvd, Suite 210
  Westlake, CA 91362
  (805) 495-7120
- Conferences: Nov 3-7, Cincinnati, OH
  American Society of Sanitary Engineering
  PO Box 401192
  Bay Village, OH 44140
  (216) 831-2257
- Publications: Plumbing Standards: 4yr.
  Comments conducts research activity.
- American Welding Society
  550 NW 42nd Ave
  Miami, FL 33126
  (305) 644-8535
  Conferences: Apr, Anaheim CA
  International Institute of Plumbing and Mechanical Officials
  20001 Walnut Dr South
  Walnut, CA 91789-2825
  (714) 595-8449
- Manufacturers Standardization Society of the Valley: Fittings Industry
  127 Park St NE
  Vienn, VA 22180
  (703) 281-6615
- Publications: Guidelines on Valves and Fittings, updated every 5 years.
- Comments: plumbing technology.

**National Association of Plumbing, Heating, Cooling Contractors**

PO Box 6088
Falls Church, VA 22046
(703) 237-8100

Conferences: Oct, Chicago.

**Plumbing Manufacturers Associations**

800 Roosevelt Rd, Bldg C, Ste 20
Glen Ellyn, IL 60137
(630) 858-5172

*Mar 4-8, Masi, HI.
*Previous: Plumbing (64 Station Hornsack, Essex RM12 6NB, England): quarterly.
Plumber (Technical Publications Ltd., 2 Walker St, Edinburgh EH3 1TB, Scotland).

**Books**


**Steel**

**Csi** 05000

**Associations**

- American Institute of Steel Construction: 400 K St NW
  Chicago, IL 60605
  (312) 922-6222
- Conferences: Jan 17-20, Captiva Island, FL
  Conferences bringing together suppliers, contractors, and applicators.
- National Steel Roofing Manufacturers Association
  800 South Federal St, Suite 400
  Chicago, IL 60605
  (312) 922-6222

**Steel Design Structural Buildings**

1045 East 24th St, Suite 201
Pittsburgh, PA 15213
(412) 268-3327

*Conferences: Dec 2-6, 1989, Nashville, TN.

**Water**

**Csi** 11471

**Publications**

- Pittsburgh, PA 15213
- (412) 268-3327

**Steel Design Structural Buildings**

1045 East 24th St, Suite 201
Pittsburgh, PA 15213
(412) 268-3327

*Conferences: Oct 3-7, Bologna, Italy.

**Steel Design Structural Buildings**

1045 East 24th St, Suite 201
Pittsburgh, PA 15213
(412) 268-3327

*Conferences: Oct 3-7, Bologna, Italy.

**Steel Design Structural Buildings**

1045 East 24th St, Suite 201
Pittsburgh, PA 15213
(412) 268-3327

*Conferences: Oct 3-7, Bologna, Italy.

**Steel Design Structural Buildings**

1045 East 24th St, Suite 201
Pittsburgh, PA 15213
(412) 268-3327

*Conferences: Oct 3-7, Bologna, Italy.
Waterproofing
(see also Foundations, Roofing) CSI 07100

Associations
Adhesive and Sealant Council 1627 K Street NW, Suite 100 Washington, DC 20006 (202) 452-1560
Sealant and Waterproofers Institute 3101 Broadway, Suite 300 Kansas City, MO 64111 (816) 561-8290
Publications The Appraiser: quarterly
Periodicals
Roof and Waterproofer (1125 17th St NW, Washington, DC 20036, (202) 638-2540)
Bibliographies
Waterproofing, AIA Bibliography P(247).
Books
Magazine Articles
Windows
(see also Daylighting) CSI 08500, (08600, 08650), (08800, 08900)

Associations
American Architectural Manufacturers Association (See Curtain Walls)
Laminators Safety Glass Association (See Glass)
Lawrence Berkeley Laboratory Energy Efficient Windows Program (See Daylighting)
National Association of Architectural Metal Manufacturers (See Curtain Walls)
National Glass Association (See Glass)
National Wood Window & Door Association 1400 East Toulon Ave Des Plaines, IL 60018 (312) 259-5200
Publications Newsletter: monthly.
Conferences Feb 17-19, Scottsdale, AZ: Aug 5-8, Hilton Head, SC.
Stained Glass Association of America (See Glass)

Steel Window Council 1250 Connecticut Ave NW, Suite 230 Washington, DC 20036
Steel Windows and Doors (202) 953-1955

Conferences promotes the use of wood in construction.
American Wood Preservers Association PO Box 849 Steubenville, OH 43966 (319) 645-4163
Publications Book of Standards

Conferences Feb 27-29, Nashville, TN.
American Wood Preservers Bureau PO Box 5293 Springfield, VA 22150 (703) 359-6666
Publications Quality Standards Brochure. List of Plants and Certified Agencies, Quality Control and Inspection Procedures.
Comments certifies qualified treated wood inspection agencies.
Architectural Woodwork Institute 510 South Walter Reed Dr. Arlington, VA 22206 (703) 671-9100
Publications Design Solutions: quarterly.
California Redwood Association 405 Enfield Dr. Suite 200 Nevado, CA 94099 (415) 382-0662
Comments promotes the use of redwood lumber and provides specifications information.
Fine Hardwood Veneer Association 5603 West Raynold St, Suite O Indianapolis, IN 46241 (317) 244-3312
Publications Wood Unlimited Newsletter: quarterly.
Conferences Dec. Indianapolis, IN.
Comments develops markets for hardwood veneers and develops specifications for hardwood veneers, provides a set of veneer samples.
Fine Hardwood Manufacturers Association PO Box 2789 Reston, VA 20190 (703) 435-2900
Publications American National Standard for Hardwood and Decorative Plywood, Laminated Hardwood Flooring Standard, Structural Design Guide for Hardwood Plywood. 5065 West Raymond St, Suite O Indianapolis, IN 46241 (317) 244-3312

Comments conducts research on wood.

Periodicals
Building Products Digest (Cauder Publishing Inc. 4500 Campus Dr, Suite 480, Newport Beach, CA 92660, (714) 852-1990)
Forest Product Journal (Forest Products Research Society. 2801 Marshall Court, Madison, WI 53705-2398 (608) 251-9200
Comments provides research and information on the management and use of timber resources.
Western Wood Products Association Yeon Building 322 South West 5th Ave Portland, OR 97204 (503) 224-3930
Comments assures quality products, conducts research and seminars for architects and specifiers.
Wood Materials & Engineering Laboratory Washington State University Pullman, WA 99164-1806 (509) 335-4591
Comments conducts research on wood.

Books
Fine Hardwoods Selectoorama. Fine Hardwood Veneer Association, 5605 W. Raymond Street, Suite O, Indianapolis, IN 46241, (317) 382-0662
Comments develops markets for hardwood veneers and develops specifications for hardwoods, provides a set of veneer samples.

Technics
Timber Frame Construction; All About Post and Beam Building, Storey Communications, 1984.
Magazine Articles
Annual design competitions, awards programs, book publishers, bookstores, database vendors, design magazines, general information, newspapers

**Annual Architectural Design Competitions**

- Association of Collegiate Schools of Architecture (202) 785-2324
- ACSA-Amercian Wood Council Competition, deadline late May
- National Student Design Competitions, deadlines Fall, Winter, Spring
- Institute of Store Planners (914) 352-1800
- Store Design Competition, deadline Oct.
- National Institute for Architectural Education (212) 924-7000
- William Van Allen National Student Design Competition, Portfolio Competition, Design America Accessible Competition
- Society of American Registered Architects (312) 932-4022
- Student Design Competition, deadline late Oct.
- McGraw-Edison Co (Halo Lighting Division) (312) 222-1060
- Lighting Design Competition, deadline late May.
- National Roofing Contractors Association (312) 518-0722
- NRCA/AIA Student Design Competition, deadline mid-Feb.

**Periodicals**

- Deadlines Design Competition Registry (HCI Box 17, Hawley, MA 01339 (413) 538-4018: 15yr.
- Magazine Articles

**Awards Programs**

- AIA Committee on Architecture for Health (202) 620-7366
- Comments Health Care Design Awards with Modern Health Care Magazine (312) 649-5335, deadline June.
- AIA Committee on Architecture for Justice (202) 620-7366
- Comments Annual Exhibit with American Correctional Association, deadline mid-April.
- AIA Committee on Regional and Urban Design (202) 626-7452

**Comments**

- Citation for Excellence in Urban Design, deadline May 31.
- AIA St. Louis Chapter (314) 621-3484
- Comments Architectural Photography Competition, deadline March 1.
- AGA Khan Award for Architecture: 32 Chemin des Cretes 1218 Grand Saxoncon Gent, Belgium
- Comments recognizes completed buildings appropriate to the needs of the Islamic world.
- American Academy of Arts and Letters (212) 968-5909
- Comments Arnold W. Brunner Memorial Prize in Architecture; by nomination only, Gold Medal, by nomination only.
- American Hotel and Motel Association (Administered by Gibbs and Soell, (212) 481-4488)
- Comments Gold Key Interior Design Award, deadline July.
- American Institute of Architects (202) 626-7590
- Honor Awards Program, deadline Sep 25 (recognition of architectural excellence in projects by individuals in all b].[..]
- Honorary Fellowship, nomination deadline early October.
- Institute Honors, deadline early Nov.
- Edward C. Kemper award, deadline mid-Sep (nominated by board members).
- Library Building Award Program, deadline Oct 31 (for libraries in six categories: academic, public, school, state, federal, and institutional).
- R.S. Reynolds Memorial Award, deadline mid-Nov (for permanent significant work of architecture in which aluminum is used).
- Louis Sullivan Award for Architecture, deadline early Jan (open to American and Canadian architects for projects using materials).
- Topaz Medallion for Excellence in Architectural Education, deadline early Oct.
- American Institute of Certified Planners (202) 872-0611
- Comments Student Projects Award, Historic Landmarks/Pioneers Program
- American Institute of Steel Construction (312) 670-2400
- Comments Architectural Awards of Excellence, Prize Bridge Competition, deadline June 19.
- American Planning Association (202) 872-0611
- Comments Outstanding Planning Awards, deadline Sep. Current Topic Award, deadline Sep.
- American School and University (215) 238-5300
- Comments Architectural Portfolio, deadline mid-June.
- American Society of ArchitecturalPerspectives (617) 237-0709
- Comments Architecture in Perspective award, deadline Jun 15.
- American Society of Furniture Designers (919) 384-4074
- Comments Annual Distinguished Designer Awards, deadline August.
- American Society of Interior Designers (212) 944-9220
- Comments all awards for ASD members only: ASD Designer of Distinction Award, deadline March; ASD Human Environment Award, deadline March; ASD Interior Design Project Awards, deadline May; ASD Product Design Awards, deadline Aug.
- American Society of Interior Designers Educational Foundation (202) 944-0250
- American Society of Landscape Architects (202) 686-2752
- Comments ASLA Student Design Awards, deadline June; ASLA Medal, deadline Feb; Fellows Medal, by nomination only; Professional Awards, deadline May.
- American Wood Council (202) 835-1595
- Comments Wood Design Awards Program, deadline mid-Oct.
- Architectural League of New York (212) 733-1722
- Comments Young Architects, deadline late Feb.
- Architectural Precast Association (317) 251-1214
- Comments Design in Excellence Award, deadline Jan 31.
- Architectural Woodwork Institute (703) 671-9100
- Comments AWA Award of Excellence, submissions accepted at any time.
- Associated General Contractors of America (202) 593-2040
- Association for Bridge Construction and Design (415) 921-5250
- Comments Outstanding New Bridge Design, deadline Mar; Outstanding Rehabilitated Bridge, deadline May.
- Association of Collegiate Schools of Architecture (202) 785-2324
- Comments Topaz Medallion (with AIA), deadline late Oct; ACSA-American Wood Council/Reconstruction, registration Jan; ACSA-Prestressed Concrete Institute Award, registration Jan.
- Association of Collegiate Schools of Planning (202) 872-3822
- Comments Edward McHare Prize, contact ACSF.
- Association for Preservation Technology (617) 477-0572
- Comments Oliver Torrey Fuller Awards.
- Association of School Business Officials International (703) 478-0405
- Comments Annual Architectural Awards of Excellence and Merit, deadline Sep.
- Building Design and Construction (312) 655-8800
- Comments Reconstruction Project Awards Program, deadline May 15.
- The Canadian Architect (416) 445-0441
- Comments Awards of Excellence Program, deadline late Sep.
- Ceramic Tile Distributors Association (312) 655-9270
- Comments Spectrum 90, Ceramic Tile Competition, deadline Nov 30.
- City Club of New York (212) 921-5437
- Classical America (212) 753-4376
- Comments Arthur Ross Awards, deadline Mar.
- Contract Furnishings Council (703) 457-0463
- Comments CFC Award of Recognition.
- Downtown Research and Development Center (212) 206-7979
- Comments Downtown Development Award, deadline Summer.
- Environmental Design and Research Association (301) 657-2651
- Comments EDRA Career Awards (2), deadline late Sep nomination only; EDRA Student Award, deadline early Oct.
- Glass Digest (212) 682-7681
- Comments Storefront of the Year, deadline May.
- Heritage Canada Foundation (613) 257-1967 or 237-1066
- Comments all May deadlines: Gabrielle Leger Medal, Lieutenant-Governor's Medal.
- Illuminating Engineering Society of North America (212) 705-7923
- Comments International Illumination Design Award Program, deadline Jan.
- Industrial Designers Society of America (705) 759-0100
- Comments Industrial Design Excellence Awards, deadline May.
- Industrial Fabrics Association International (612) 222-2508
- Comments all deadlines Sep 1: International Achievement Awards, Design Awards.
- Institute of Business Designers (312) 626-7450
- Comments Contract Design Awards, deadline Apr; Product Design Awards, deadline Apr.
- Interfaith Forum on Religion, Art, and Architecture (202) 587-8335
- Comments Architectural Design Awards Program, deadline Aug.
- Interior Design Society (800) 888-5094
- Comments all Sep deadlines: Commercial Design Award for Excellence Residential Award, Retail Store Award.
- Interiors Magazine (703) 983-4770
- Comments Interiors Awards, deadline Sep.
- International Association of Lighting Designers (212) 206-1281
- Comments ALDO Lighting Design Awards, deadline Sep 15.
- International Council of Shopping Centers (212) 921-8181
- Comments ICSC Annual Awards, deadline June.
- ID (International Design Magazine) (212) 695-4955
- Landscape Architecture Foundation (202) 889-0840
- Comments Eco-Masse Medal, deadline April.
- National Association of Home Builders (202) 888-4899
- Comments Best in American Living; Housing Hall of Fame, by nomination only; Renais-
- Sansewards, deadline late Sep.
- National Association of Store Fixtures Manufacturers (303) 490-1969
- Comments Store Interior Design Award, deadline Sep 15.
- National Concrete Masonry Association (703) 455-9190
- Comments Architectural Awards.
- National Glass Association (703) 435-4900
- Comments Award for Excellence in Design, deadline Dec 15, 1989.
- National Institute for Architectural Education (212) 206-9700
- Comments Portfolio Competition, deadline April, Lloyd Warren Brown Prize.
- National Landscape Association (202) 789-2900
- Comments Residential Landscape Design Award, deadline Oct.
- National Lighting Bureau (202) 421-6500
- Comments Lighting Awards Program, deadline mid-Oct.
- National Roofing Contractors Association (312) 518-0722
- Comments NRCA/AIA Student Design Competition, deadline mid-April.
- National Society of Professional Engineers (703) 457-0463
- Comments New Products Award, deadline Jul 1; Professional Development Awards, deadline May.
- National Trust for Historic Preservation (202) 673-4000
Landscape Elements

Bicycle racks, canopies, concrete walls, decks, erosion control mats, fencing, landscape furniture, lighting, paving, play equipment, signage, snow melting equipment, tree feeders and grates

Site Furnishings

"The Ultrum Collection" showcases wire, metal, and wood site furnishings in contemporary and Victorian styles. The metal components are available in standard and custom colors. Several different woods are available for these benches, chairs, tables, and receptacles. GameTime.

Exterior Signage

This new 12-page brochure describes a complete line of exterior and interior signage. Sign types available include Post and Panel, Changeable Wordbar, Illuminated, and Non-Illuminated. Designs can be created in a variety of colors and letter styles. Petersen Aluminum.

Erosion Control

Enkamat, a lightweight erosion control material, provides a root reinforcing system that encourages vegetation in erosion-prone areas such as ditches, slopes, and shorelines. This brochure includes descriptions of applications as well as performance data and installation information. AKZO Industrial.

Decks and Fences

The Redwood Landscape Guide gives technical information on the design and construction of redwood decks, shelters, planters, seating, and fences for residential and commercial applications. The booklet contains tables on deck spans, lumber grades, and nailing patterns. California Redwood Association.

Casual Furniture

A complete line of outdoor furniture for commercial use is displayed in this 80-page catalog. Technical features, fabrics and finishes, specifications and dimensions, prices, and more are contained in this guide. Tropitone.

Tree Feeder

This device preserves trees in urban or paved environments with a permanent underground root-feeding system. The feeding process is explained in this brochure, which also includes specifications, installation instructions, and tree preservation measures for new construction sites. W.A.N.E. Tree Systems.

Signage Systems

Traffic and parking signs, building identification signs, and more are shown in illuminated, multi-panel, wall-mount, and post styles. Modular directional components, numbering systems, wall and door, and personal identification signs are illustrated in a variety of styles and colors. ZAX Signage.

Site Furnishings

This collection of metal garden and park furniture is offered in a variety of sizes and strengths for commercial and residential use. Included are benches, chairs, tables, lounges, and garden umbrellas. Several color finishes are available. Kroin.

Bicycle Racks

There are a number of different Rally Rack systems available to secure bicycles, mopeds, and motorcycles; they are designed to accept a wide variety of locking devices. The brochure illustrates typical rack layouts and two tamper-proof installations. Rally Racks.

Woodcrafters of Florida

An array of wood, metal, and fiberglass site furnishings makes up "Design Solutions," a brochure showing an assortment of benches, planters, tables, and receptacles in various styles. The brochure gives specifications and shows the various finishes available. Woodcrafters of Florida.

Redwood

The Redwood Landscape Guide gives technical information on the design and construction of redwood decks, shelters, planters, seating, and fences for residential and commercial applications. The booklet contains tables on deck spans, lumber grades, and nailing patterns. California Redwood Association.

Secure Racks

for bicycles, mopeds, motorcycles

Rally Racks

108

Crane Racks

107

Redwood

105

Casual Furniture

A complete line of outdoor furniture for commercial use is displayed in this 80-page catalog. Technical features, fabrics and finishes, specifications and dimensions, prices, and more are contained in this guide. Tropitone.

Tropitone

109
Outdoor Lighting
This informative guide offers a number of basic techniques for landscape lighting. A variety of luminaires are shown with photos, sizes, and a description of their best application. Photometric data, accessories, and a lamp guide are also given. Lightolier.

Site Furnishings
Planters, benches, tables, and receptacles in metal, wood, and fiberglass are displayed in this detailed 20-page catalog. The furniture is available in several colors and configurations and is designed for indoor and outdoor installation. LF1.

Concrete Furnishings
These outdoor planters, bollards, benches, and waste containers are available in a variety of colors and textures including exposed aggregates. In addition to the line shown here, the company will also do custom designs. Wausau Tile.

Lighting Posts
This full-color 32-page catalog describes and illustrates a complete line of historically authentic, cast iron lighting posts, bollards, and post adaptations including parking meters, drinking fountains, street signs, and more. A variety of installations are shown. Spring City Electrical.

Paving Stones
This brochure provides installation photos of these versatile, durable paving stones designed for parking lots, patios, sidewalks, pedestrian malls, general road construction, and more. The stones are manufactured in a variety of shapes and colors and feature an anchor system. Uni-Group.

Outdoor Furnishings
Lighting bollards, litter containers, pedestrian shelters, and lighting and traffic modules are shown in this illustrated brochure. Standard and custom products feature heavy-gauge steel construction, plus graffiti-proof finishes in an unlimited range of colors. Urbanco.

Outdoor Lighting
This 11-page full-color catalog discusses the Pro-Liter Series, a group of 12-volt extruded aluminum outdoor lighting fixtures. Several power supply transformers are also featured and a formula for calculating voltage drop is included. Nightscaping by Lorhan.

Concrete Pavers
"Pavement Design with Concrete Pavers" offers ideas on how to use this durable, low-maintenance system for any paving application. Units come in a variety of colors and shapes to meet any design requirement. National Concrete Masonry Association.

Erosion Control
SuperGro, a flexible, biodegradable composite consisting of a nonwoven polypropylene blanket, reinforced with netting, prevents soil erosion while promoting rapid plant growth. Advantages and uses are listed in this brochure, and a sample of the product is included. Phillips Fibers.

Tree Grates
This 38-page catalog presents an array of tree grates for urban and mall landscaping in square, round, octagonal, and custom shapes, as well as a style designed for retrofit applications. In addition to site-specific photographs, the catalog includes specifications. Neenah.

Landscape Lighting
"Lightscaping," a 20-page guide to landscape lighting, describes techniques for enhancing commercial and residential exteriors. The booklet explains color effects, recommends lighting intensities, and displays a range of outdoor lighting fixtures and accessories. Hubbell.

Concrete Furnishings
These outdoor planters, bollards, benches, and waste containers are available in a variety of colors and textures including exposed aggregates. In addition to the line shown here, the company will also do custom designs. Wausau Tile.

Outdoo r Lighting
This extensive collection of European luminaires includes bollards, floodlights, pole-mounted lamps, and fixtures for wall, ceiling, and garden applications. The products are fabricated from high-grade aluminum alloy, stainless steel, and galvanized steel. Specifications are included in this 88-page catalog. Bega/FS.

Lighting Posts
This full-color 32-page catalog describes and illustrates a complete line of historically authentic, cast iron lighting posts, bollards, and post adaptations including parking meters, drinking fountains, street signs, and more. A variety of installations are shown. Spring City Electrical.
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Landscape Elements

Snow Melting Systems
This literature presents a system that melts snow and ice and that emits heat in one direction for maximum effectiveness and efficiency. The Snoflow control system utilizes instrumentation for sensing air temperature, slab temperature, and the presence of moisture or snow in the air.

Canopy Systems
A complete line of canopies, walkway covers, and marquees is highlighted in this eight-page, full-color catalog. Roll formed, extruded, acrylic pyramid, and barrel-vault designs are shown in both photos and detail drawings. Load tables and design data are included.

Canopy Systems
This eight-page brochure describes and illustrates a two-story children's playhouse, designed for waiting rooms, recreational facilities, or day care centers. Safety features include interior carpeting, rounded edges, and unbreakable windows.

Sculptured Concrete
Design Plus form-liners have patterns and textures that enliven precast or poured-in-place concrete, disguise imperfections, minimize joints, and create a uniform appearance. This brochure displays available patterns and provides photographs of the products.

Outdoor Spaces
This 20-page booklet provides color illustrations, line drawings, site plans, and design ideas for decks, fences, planters, benches, arbors, and more. The projects are coordinated to fit four basic housing examples: traditional, ranch, bungalow, and multi-level. Western Wood Products Association.

Children's Environments
This company's eight-page brochure describes and illustrates a two-story children's playhouse, designed for waiting rooms, recreational facilities, or day care centers. Safety features include interior carpeting, rounded edges, and unbreakable windows.

Sculptured Concrete
Design Plus form-liners have patterns and textures that enliven precast or poured-in-place concrete, disguise imperfections, minimize joints, and create a uniform appearance. This brochure displays available patterns and provides photographs of the products.

Snow Melting Systems
This literature presents a system that melts snow and ice and that emits heat in one direction for maximum effectiveness and efficiency. The Snoflow control system utilizes instrumentation for sensing air temperature, slab temperature, and the presence of moisture or snow in the air.
Structures

Bonding agents, brick framing, building systems, connectors, expansion joints, space frames, steel decks and framing, wood framing and sheathing

Laminated Beams
Load tables, section properties, and conversion tables are given in this brochure on laminated beams and Stronglam headers. Header tables for single- and two-story applications are also shown. A formula for sizing the product is given with an example. Weyerhaeuser. 124

Roof Systems
Building and roof systems are detailed in this photo-filled 20-page brochure. The Butler Envelope Building System provides large clear-span interiors for maximum use of space. Roof systems allow thermal movement while remaining weathertight. Butler. 125

Bonding Agents
Weld-Crete, a concrete bonding agent, is described in this four-page brochure, which includes specification data for bonding cementitious material to any structurally sound surface. The product is formulated for interior and exterior use. Larsen Products. 126

Expansion Joints
This brochure illustrates expansion joints that deal with various types of building movement including sway, rotation, settlement, and amplified resonance. Detailed drawings of different joint installations, and selection charts with design allowances are included. C/S Group. 127

Floor Systems
This product, compatible with steel or concrete framing, is designed for use as a floor or ceiling system. A built-in hanging feature provides flexibility for interior lighting and mechanicals. Load and shoring tables, section properties, and other data is given. Epic Metals. 128

Structural Steel
This booklet provides dimensions, weights, and properties for designing structural steel shapes. Similar data pertaining to other rolled products in common use is included. Standard mill practice and permissible variations are also discussed. USS. 129

Plywood Construction
This 28-page handbook illustrates and explains APA trademarks, provides a comprehensive guide to architectural specifications, and shows installation recommendations for typical panel applications. Definitions of plywood grading are included. American Plywood Association. 130

Joists
GNI joists are lightweight and manufactured for superior strength and stiffness. According to this 20-page booklet, the joists are more uniform than solid sawn materials and will not shrink, twist, warp, or split. Technical data for roof and floor applications is provided. MiTek Wood Products. 131
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Circle No. 548 on Reader Service Card

Structural Brick
The advantages of structural brick walls and veneers are thoroughly discussed in this handsome brochure. Complementing the four-color application photos are axonometric drawings of the various construction systems possible with this material. Technical data also is included. Interstate Brick.

397

Wood Connectors
"Connections for Wood Construction" contains detailed drawings and specifications for wood-to-wood and wood-to-concrete connectors. Updated load tables, installation information, and building code acceptances are also given in this informative 52-page booklet. Simpson Strong-Tie.

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Circle No. 526 on Reader Service Card
Cladding and Exterior Finishes

Brick veneer, cement, clay tile roofing, concrete, columns, curtain walls, exterior insulation, exterior laminates, fasteners, masonry, metal cladding and roofing, paints and stains, panel systems, sheathing, shingles, stone, wood and vinyl siding.

Insulated Panels
These polystyrene-insulated steel wall and roof panels provide structural integrity, energy efficiency, and quick installation. Test results are given for thermal resistance, air infiltration, water penetration, strength, and fire resistance. Color samples are shown. Insulated Panel Systems. 134

Exterior Laminates
This outdoor laminate has been photographed in a variety of situations to show its versatility. Thirty colors are standard with nine finished edge styles. Drilling plans and installation diagrams are provided. Abet Laminati. 135

Exterior Insulation Systems
This well-organized manual provides easy access to a line of exterior insulation systems and 100 percent synthetic resin coatings. Eight systems are explained with technical details and specifications. A selection of adhesives, fasteners, coatings, and finishes is also included. STO. 132

Exterior Veneers
The AW-1000 Exterior Veneer Panel System is self-draining, self-guttering, lightweight, and easily installed in a variety of finishes. Full-scale detail sheets with installation instructions are provided. AllianceWall. 133

Brick Veneers
This lightweight brick veneer system can be installed over wood, steel, or masonry, and offers insulation, high value, and low maintenance. Consisting of a one-inch-thick polystyrene panel and a half-inch-thick brick, this easily installed system is profusely illustrated in the brochure. U.S. Brick. 137

Cedar Shingles
This 12-page brochure explains a panelized siding system that simplifies the application of cedar shingles. According to the brochure, the system speeds up installation and provides a variety of shingle patterns and backing materials. Technical data and siding samples are included. Shakertown. 138

White Cement
The "Architect's Reference Guide" lists the applications of the company's white cements, including relevant specifications or references and the associations that issue them. The literature also indicates the major cement associations. Lehigh Portland Cement. 139

Insulating Wall Systems
This informative brochure features Senerflex and Senerthik, 4-ply insulating wall systems for new construction and retrofit applications. Performance data, detail drawings, and sample installations are provided. Senergy. 140

Wall Panels
By combining a liner panel, sub-girts, insulation, and an exterior panel, this company produces a building panel that will achieve the desired appearance, span capability, and thermal value required for a specific building situation. Molenco. 141
Coated Metals
The "Product Capability Directory" identifies the individual manufacturing capabilities of this association's member companies. Listings include capacity for coil width, minimum and maximum thickness, coatings, and processing. A glossary is included. National Coil Coaters Association. 142

Metal Panels
This catalog provides a color selection guide, coating specifications, and profile options for several roofing and siding products, including concealed and exposed fastener panels, interior liner panels, ventilators, louvers, and a standing-seam roof system. Steelite. 143

Precast Concrete
Economy, flexibility, and availability characterize precast concrete, according to this association. Its manual aims to familiarize designers with the industry standards and provides specifications, connection details, and samples of colors and finishes. Architectural Precast Association. 144

Textured Wall Finishes
USG Durock, an exterior finish with the appearance and texture of stucco, is part of the manufacturer's complete exterior wall system. Twenty color options and several textural effects are illustrated in this brochure, which includes details and specifications. U.S. Gypsum. 146

Brickwork
"Better Brickwork: A Notebook of Practical Suggestions" addresses topics such as mortar composition, mortar joints, tooling, cleaning, and efflorescence. Excellent detail drawings and charts on material requirements, and project dimensions are included in this informative brochure. General Shale. 147

Wall Panels
This complete manual of custom-fabricated roof and wall systems is useful for industrial and commercial applications. Wall panels can be curved, insulated, used with existing materials. They also control noise pollution, and have one- to three-hour fire ratings. E.G. Smith. 148

Metal Roofing
This informative guide features the company's line of metal roofing products including standing seam systems, batten seam systems, curve lock panels, and others. The brochure contains information on materials, finishes, and colors, as well as snow load charts. Fashion. 150

Siding
Hardboard, a manufactured material, is 50 percent denser than the natural wood it is made of. It has no knots or other defects and resists splitting and checking. Designed for easy installation, the siding can be smooth or textured to resemble traditional wood siding. Masonite. 151

Exterior Insulation
Thermax Insulation Board 600 Series can be used for exposed and concealed applications. Diagrams show various ways the product can be installed over concrete block, wood frame, curtain wall, and steel studs. It also has below-grade applications. Celotex. 152

Plywood Siding
This 22-page brochure provides complete information on the use, selection, finishing, and refinishing of plywood siding. Specifications and application recommendations are included, as well as full-color photographs illustrating the patterns and textures of various siding types. American Plywood Association. 145

Metal Finishes
"Finishes on Metals from the Field" offers a comprehensive discussion of various metal coating systems, including application examples, product histories, and comparative comments. Also included is a list of Aluminum Association designations and a glossary of terms. Petersen Aluminum. 149

Panel Systems
The Laticrete Panel System is an efficient and economical means of panel construction using a variety of facing materials. This brochure illustrates assembly and installation and has a detailed specifications guide. Laticrete. 153
Of course, not everyone will be able to contain their excitement over 16” Atlas™ brick.

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Metal Roofing
Complete information on this company’s metal roofing systems, mansards, fascias, equipment screens, soffits, and wall panels is included in this 16-page brochure, complete with specifications and drawings, as well as color samples for coatings and finishes. Alumax. 154

Vinyl Siding
Siding panels, soffits, shutters, door surrounds, and window mantels are described in this nine-page brochure with installation photos, detail drawings, specifications, and color options. The catalog also introduces Village Cedar—a vinyl siding textured like cedar. Mastic. 155

Redwood Siding
Options in redwood construction are explored in this catalog, which discusses exterior siding and interior paneling and presents a selection of grades, grains, surface textures, and pattern profiles. The manual also describes fasteners and finishes. California Redwood Association. 156

Aluminum Panels
A complete line of porcelain-clad aluminum panels is described in this 8-page brochure, which provides performance data, a product selection guide, and specifications. The panel applications include curtain walls, window walls, and glazing and veneer applications. Mapes. 157

Columns
Doric, Ionic, Corinthian, and Tuscan columns are some of the Classical orders shown in this brochure for interior and exterior use. Made of wood, and carefully detailed, all columns are available with plain or fluted shafts. Specifications and installation instructions are included. Chadsworth. 158

White Cement
A detailed application chart highlights the uses of Riverside White Cement in stucco, cast-in-place and pre-cast concrete, terrace, pools, roof tiles, and tile grout, among others. Its possibilities for texturing and coloring are shown in this elegantly photographed 18-page booklet. Riverside White Cement. 159

Wall Panels
These prefabricated wall and roof panels are used in the construction of everything from commercial buildings to storage freezers. Ranging up to 6 inches in thickness, the panels are tested for fire performance, thermal transmission, air infiltration, water penetration, and structural properties. Aluma Shield. 160

Gypsum Sheathing
Dens-Glass, a fiberglass-faced gypsum sheathing, is designed to offer excellent weather and fire resistance. This 12-page booklet details the product’s characteristics, recommends framing and fasteners, and includes installation and warranty information. Georgia-Pacific. 162

Fasteners
An array of profiles and colors are displayed in this detailed catalog, which highlights both exposed and concealed fastener designs. The manufacturer also provides information on acoustics and coatings. ASC Pacific. 163

Stains And Points
Various types of wood stains and paints are described in this brochure. Included are general specifications and a useful chart detailing product compatibility with siding material, and the coatings’ coverage capabilities. Olympic HomeCare Products. 164

Roofing Systems
This well-illustrated booklet contains 19 pages of information on various roofing systems available in steel, aluminum, Galvalume, and copper. The catalog details panel profiles and presents a range of color options for commercial and residential applications. ECI. 165
As an architect you face many choices in specifying siding for your projects. You want a certain look at a certain price that can be installed cost-effectively on your specific project.

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Shakertown has expanded its product line to provide you with a wide range of choices in looks, application and price so you can create a home or building exactly the way you want.

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Call now toll-free 1-800-426-8970 for our free 12-page brochure as well as competitive prices. And we'll leave the choosing up to you.
Textured Concrete
This brochure provides technical data and application guidelines for several concrete texturing systems. Technical data bulletins show available textures, and give uses, limitations, sizes, installation, and maintenance of these formliners. Tensile strength and abrasion resistance are also discussed. L.M. Scofield. 166

Metal Roofing
This informative 32-page specification guide features the company's complete line of factory-formed metal roofing products. The guide contains information on materials, finishes, and colors, as well as installation details for walls, mansards, and soffits. AEP SPAN. 170

Handmade Brick
A full-color brochure shows the available colors of this brick which is manufactured to provide an irregular appearance. A design profile sheet gives dimensions and physical properties of individual units and walls, and has quantity estimating tables and information. Glen-Gery Brick. 167

Shingled Roofing
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. CertainTeed. 171

Architectural Panels
These panels combine an aluminum overlay and structural wood substrate for a durable, low-maintenance, weather-resistant unit with an insulative foam core. Options, performance characteristics, colors, maintenance, and more are discussed in this guide. Weyerhaeuser. 172

Metal Systems
These versatile roof, ceiling, and wall systems come in a wide range of shapes and colors. Custom-formed accessories including roof caps, bottom trim, corners, moldings, and more are illustrated. A convenient fact summary chart is included. ATAS Aluminum. 174

Panel Systems
Two aluminum wall panel systems are described in this informative design manual which contains detail drawings, engineering data, specifications, and information on sealants, finishes, and warranties. Custom modifications of any part of the system are possible. C/S Group. 175

Curtain Wall Systems
These two brochures discuss this company's metal and glass curtain wall systems. Full-color photographs show more than 40 actual installations of the systems and a technical data manual gives details, span tables, and more. H.H. Robertson. 168

Curtain Walls
Full-color photos show applications of this product as an interior and exterior surface material. Used in new construction and retrofit, the brochure gives general specifications and technical data including windload, bending strength, sound transmission, and engineering properties. Alucobond. 176

Exterior Insulation Systems
This extensive catalog contains specifications, technical data, detail drawings, and building code approvals for R-Wall, an exterior insulation and finish system. This watertight, crack-resistant, acrylic surface is available in over 100 colors and six finishes. Ispo. 169

Vinyl Siding
A nine-page full-color brochure provides a brief overview of vinyl sidings, accessories, and trim details offered by this company. An informative installation guide shows how to estimate materials, discusses surface preparation, material installation, and much more. Wolverine Technologies. 177

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Brick
Able to fit into a coat pocket, this compact brochure gives the names, weights, and sizes of the company's various brick. The face area, number of units per square foot of wall, and an estimating table also are provided, as are axonometric drawings of each brick. Belden.

Anodized Aluminum
This brochure discusses the versatile applications of preanodized aluminum, a material with functions ranging from architectural cladding to lighting. This brochure also explains "Color-in," a process that creates a uniform, fade-resistant colored surface. Coil Anodizers.

Masonry Design
This four-page, color brochure contains general information on concrete masonry shapes, sizes, and properties. Control joint, structural, energy, acoustical, and fire data are also covered. National Concrete Masonry Association.

Concrete Panels
Large, color photographs show 13 of the colors and finishes available for these precast, pre-stressed concrete panels. Photographs of actual installations using some of these panels are also included. Fabcon.
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Concrete Reinforcing
According to this booklet, Fiber-mesh micro-reinforcement systems will inhibit cracking, increase impact capacity, add shatter resistance, decrease concrete permeability, and reduce construction time. Five pages of engineering data are included. Fibermesh. 404

Curved Metal Panels
This brochure describes the use of custom-curved metal panels to create flooring and wall systems, fascias, canopies, decking, and more. Included are application ideas and examples, and technical data. Curveline. 405

Metal Buildings
A complete line of metal buildings is detailed in this 12-page catalog. Basic structural systems and wall and roof systems are described and illustrated with drawings and photos. Charts on thermal values, energy efficiency, and color options are included. Atlantic Building Systems. 406

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Sixty second guide to Belden Brick:

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Belden Brick is made in over 116 colors that include 2 choices in black, 28 browns, 7 tans, 8 buffs, 3 creams, 18 grays, 16 pinks, 26 reds, and 8 whites. In addition, it is made in 12 different textures, although not all our brick is made in the same range of textures. Belden also offers a choice of extruded brick or molded brick (with the character of hand-made brick.) Each category includes a wide range of colors and textures providing more than adequate design latitude.

**SIZES**

Belden Brick is predominantly made in thirteen different sizes, representing the spectrum of Belden Brick colors and textures. Your design opportunities are broadened by the availability of virtually every Belden Brick color choice as pavers.

**SHAPES**

We've made hundreds of different shapes to provide special structure details, and a week seldom passes without our custom-making a new special shape to meet individual design requirements. If you need an "impossible" special shape to complement the brick structure you're planning, call Belden. We've seen the impossible become reality.

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700 W. Tuscarawas  Canton, OH 44701
Telephone 216-456-0031

Circle No. 512
Of course, not everyone will appreciate the superior strength of 16" Atlas brick.

At Interstate Brick, we admit there will be those who won’t be exactly thrilled with 16" Atlas brick’s incredible strengths. Exceptional value. Or even its long-lasting beauty.

Maybe that’s why Atlas is a superior alternative to painted block or brick veneer correctional facilities. Especially for architects who demand durability, low maintenance and cost-efficiency without compromising aesthetic freedom.

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An Atlas structure is up to four times stronger than conventional block and brick veneer systems. Walls are thinner so interior square footage is increased. And since Atlas is ceramic rather than cement, it's available in a wide range of unique permanent colors. Not to mention a host of innovative shapes for design flexibility.

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With its two-faced finish, Atlas can save as much as $3.00 per square foot over block with brick veneer. What’s more, it can cut initial costs up to $1.00 per square foot on interior walls because it never needs painting. And since it’s as beautiful as it is economical, Atlas brick has a high level of community acceptance.

For more information, call Interstate Brick at 1-800-233-8654. Because when it comes to correctional facilities, there’s nothing stronger than 16" Atlas.
Doors, Windows, and Glazing

Curtain walls, doors and door frames, entrance systems, folding partitions, glass, glass block, hardware, screens, skylights, solariums, storefronts, windows, x-ray barriers

Windows
This collection of wood and clad-wood products includes double-hung, casement, awning, and circlehead windows, as well as entry doors, French doors, sliding glass doors, skylights, and sunroom systems. This detailed 92-page guide includes technical information, performance data, and product dimensions. Pella. 180

Drapery Hardware
LoPro Drapery Track Systems have been designed to reflect the needs of the commercial market. Virtually invisible when installed, this system uses a baton to move the drapes rather than cords which can sag or break. Coral of Chicago. 181

Glass Block
Displayed in this brochure are the different patterns of Solaris Glass Block. An installation guide for straight and curved walls and product specifications, including light transmission and acoustic insulation values, are included. Solaris USA. 178

Brass Hardware
Solid brass door handles, furniture knobs, switch plates, brackets, and door knockers are among the products offered by this company. Available in various finishes, this hardware catalog has detail drawings, installation instructions, and maintenance guidelines. Italbrass. 184

Metal Doors
A complete range of steel doors, frames, and entrance systems is shown in this catalog. Included is information on physical properties, test data, relative cost, design and construction features, fire-rated products, specifications, and selection charts. Steelcraft. 185

Church Windows
This 12-page brochure features custom-designed aluminum windows for commercial, institutional, and residential use. Also included is a new triple-glazed church window that provides maximum condensation resistance and superior insulation. Detail drawings are provided. J. Sussman. 186

Roof Windows
Fixed and vented roof windows are shown in this catalog, which gives dimensions and installation details. The space between the double layers of glass is filled with natural argon gas to reduce conductivity and provide twice the energy efficiency of conventional insulated glass. Roto-Frank. 182

Doors
A diverse range of carved door designs is shown in this brochure. Available solid or with glazing, they come in red oak, mahogany, white fir, and redwood. Sizes, finishes, construction details, and more are included. Forms + Surfaces. 187

Windows
This 40-page catalog features the company’s line of made-to-order windows for commercial applications. Energy saving features and performance results are given for tilt-turn, double-hung, casement, awning, and other windows. Marvin. 183
Doors, Windows, and Glazing

Locks/Hardware
This 20-page catalog features a wide variety of cylindrical, mortise, tubular, and auxiliary locks, displayed in great detail in photos, and helpful “function charts.” Specifications and diagrammatic photos explain how the locks are built and how they function. Best Lock.

188

Laminated Glass
Flat and bent laminated glass products are described and illustrated in this brochure. Specific information on sound control and solar applications, as well as a section on security glazing, are also supplied. Laminated Glass.

189

Skylights

190

Glazing Systems
Casement, awning, circle-top, double-hung, and gliding windows are described with complete specifications and installation details in this 68-page catalog. The booklet also indicates glazing options and includes a performance data chart. Andersen.

191

Patio Doors
A range of clad-and primed-wood window systems are specified in this 84-page booklet. In addition to awning, casement, double-hung, round top, and spandrel-frame windows, the booklet features the Georgetown Collection, a series of energy-efficient windows and patio doors. Caradco.

192

Door Reinforcers
This brochure describes door reinforcing and edge guards, designed to prevent or repair door damage, and provide reinforcement that more than doubles door strength. Complete specifications and item listings are included. M.A.G.

193

Entrance Systems
This storefront entrance system offers a smooth exterior appearance with softly rounded interior framing members. One-inch insulating glass can be used for good thermal performance. A number of anodized and painted finishes are offered in stock lengths for ready availability. Kawneer.

194

Locks
Sixteen pages of charts and diagrams compose this informative Specifier’s Guide, which gives technical details and functional descriptions for ten locksets. The booklet includes information on trim, strikes, and keying, as well as convenient ordering and comparison charts. PDQ.

195

Freezer Doors
This 14-page catalog of cooler and freezer doors depicts horizontal sliding, vertical, overhead, swinging, and special purpose types. A selection guide matches the door to its typical application, and also features criteria for selecting a door. Jamison Door.

196

Insulating Glass
Heat Mirror insulating glass contains a selective filter, which allows light, but not heat, to pass. The glass, as described in this booklet, promotes energy savings, ultraviolet screening, and noise reduction. The brochure also includes color options and performance data. Southwall Technologies.

197

Steel Doors And Frames
This 12-page brochure highlights a line of standard and custom steel doors and frames with detail drawings, dimensions, and acoustical performance data. Products featured include an energy saving Uni-Seal frame, honeycomb core doors, and sound-insulating doors. Pioneer.

198

Windows
This catalog provides specifications, dimensions, and construction details for casements, awnings, bow windows, angle bays, and a distinctive box bay window. The booklet also features a shell subframe system to simplify remodeling, and a geometric utility frame for custom-shape windows. Eagle.

199
Sargent exit devices and fire exit hardware. Style that doesn’t compromise safety or security. And a choice that doesn’t compromise your design. Get the configuration you prefer, from handsome, low-profile push rail models to traditionally styled units, all with a wide range of trim in all popular hardware finishes. There’s a device for every door application, whether it’s mortise lock, vertical rod or rim type.

The 80 Series exit device features chassis-mounted unit construction for maximum safety and security with minimum parts. It’s easy to install, easy to maintain.

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The 80 Series is just part of the complete Sargent line of locks, exit devices and door closers. Each has what no one else can offer. The heart of a Sargent.
Doors, Windows, and Glazing

Structural Glazing
This company's approach to structural glazing is outlined in a 16-page booklet, which includes application guidelines for Proglaze, a high-performance structural sealant that transfers loads from the glass to the perimeter framing. Performance data and sealant installation diagrams are included. Tremco.

Windows
A complete line of wood, vinyl-clad wood, and aluminum-clad wood windows and patio doors is featured in this 28-page catalog. Sizes and specifications are included for new construction and custom replacement. Applications include single- and multifamily housing, and commercial construction. Malta.

Locking Systems
Keying systems, locksets, door closures, and exit devices are among the products listed in this 16-page catalog. Designed to facilitate specification writing, detailed operating features are listed for all the hardware illustrated. Corbin.

Glass Block
These glass blocks are available in a variety of patterns and colors. Firestop blocks and heavy-duty blocks for extra security are also shown in this 12-page brochure. Physical properties, wind-load resistance, and curved-panel charts are included. Glashaus.

Service Doors
An extensive line of rolling service doors, grilles, and shutters are described in this 28-page catalog for industrial, commercial, and institutional applications where space and security are critical. Detail drawings show the various sizes available. North American Rolling Door.

Solariums
Solarium and walkway packages and domed and pyramidal skylight systems are detailed in two brochures offered by this company. Technical data, specifications, detail drawings, and more are included for these pre-engineered, standardized units. Kalwall.

Windows
The "Certified Products Directory" provides test results on vinyl windows submitted by participating manufacturers. Tests involve air infiltration, water penetration, structural performance, and wind loads. Standard specifications and wind-speed charts are included. Vinyl Window and Door Institute.

Skylights
This brochure provides design specifications and application photos of these commercial skylights, which can be used as atriums, office and restaurant extensions, walkways, entryways, and pool and greenhouse enclosures. Ridge, sill, purlin, and hip detail drawings are also included. Skytech Systems.

Locksets
A complete selection of doorknobs, deadbolts, levers, and entry handles is presented in this full-color, 23-page catalog. Easy-to-use charts and diagrams specifying dimensions, door thickness range, boring requirements, and more are included. Weslock.

Service Doors
An assortment of special service doors from roof scuttles to sidewalk doors is displayed in this brochure, which also presents the manufacturer's collection of hardware, locking devices, and other accessories. Bilco.

Sliding Doors
Automatic sliding and swinging doors for commercial, institutional, and barrier-free installations are shown in this 20-page brochure. Specifications, sizes, and detail diagrams are included as is a section on activating devices and accessories. Horton Automatics.

Sliding Glass Doors
This new brochure features specifications, configurations, performance information, and detail drawings of these custom sliding glass doors and windows. Series 700, 800, and 820 doors are available in a variety of finishes and sizes, with heights of up to 12 feet. Arcadia.
Color Design Performance
Shopfronts
Horizontal Roller Wall is a glass-partition system that provides a secure, yet clear view when closed. Open, it creates a broad opening for shoppers. This brochure provides clear diagrams and illustrations and is written in German and English.
Euroglass. 212

Door Systems
This 32-page, full-color catalog features Fiber-Classic entry door systems, made of compression-molded fiberglass that looks like wood. Photos and line drawings illustrate 350 styles in the collection including patio and fire-rated doors. Therma-Tru. 216

Security Closures
A complete line of concealed and surface-mounted door closures designed to meet the special needs of correctional, corporate, and industrial high security applications is introduced in this brochure which includes photos, details, and specifying information. LCN Closures. 213

Shaded Windows
This 12-page catalog offers a variety of windows with built-in venetian blinds that are available in a wide range of styles and configurations. "U" value information is included for these dual-glazed units. Wausau Metals. 217

Fire-Rated Glass
This brochure introduces a clear, fire-rated glass, comparable to float glass and wire glass. Product usage, specifications, technical data, and design applications are discussed. A summary of test results is also available. Technical Glass Products. 218

Windows
This line of aluminum-clad and primed-wood windows and patio doors features transparent insulating film and select Ponderosa pine frames. This 40-page catalog highlights sliding and swinging patio doors, as well as double-hung, trapezoid, casement, and awning windows. Hurd. 219

Glazing Products
A variety of decorative glass for both interior and exterior use including colored glass, patterned glass, and mirrored glass are described and shown in this catalog. Glass shelving systems for commercial use are also displayed. Asahi Glass. 220

Architectural Hardware
This architectural hardware brochure offers 16 pages of locks, exit devices, and closures. Graphics illustrate how the locksets are constructed, and a function chart suggests the appropriate lockset for the user's needs. Russwin. 221

Architectural Doors
Two brochures, a color guide and a technical catalog, provide information on these wood doors. Door types and specifications, options, fire door details, and sound transmission data are shown. A listing of additional available publications is included. Weyerhaeuser. 222

Safety Screens
These steel, stainless steel, and aluminum screens are said to resist thrown bricks and sledgehammer blows. The catalog highlights the advantages of the screens and provides specifications and installation details for six screen types. Kane. 223
Why not go first class?

Go with BEST locks. Once you’ve seen and touched them, you’ll agree that they reflect the quiet elegance, the uncompromising design and quality that you’ve come to expect from BEST. Each style has been meticulously designed with intelligent aesthetics and functional practicality for all types of architecture decor.

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From concept to completion, architects and owners have always appreciated the aesthetic quality, security and versatility of BEST locks, as well as the best service team in the business.

BEST LOCK CORPORATION
Doors, Windows, and Glazing

Windows and Doors
Exhaustively illustrated in this 172-page catalog are the many windows and doors offered by this company. Elevation, section, and exploded axonometric drawings are included, along with product descriptions, terminology, test data, and warranty information. Weather Shield. 407

Glass Block
Glass Block's diverse applications are highlighted in this brochure. Photos are provided for five patterns, along with details on light transmission, privacy, and brightness. The glass block is available in two widths, a hexagonal unit and a solar reflective unit. Pittsburgh Corning. 408

Folding Partitions
This catalog shows details of the company's various folding walls with the relevant specifications on the facing pages. Drawings of various components and a discussion of the five most frequently asked questions conclude the brochure. WonDoor. 409

Flat Glass
Although short, this four-page piece of literature offers a lot of information on this company's Graylite float glass. The brochure discusses its mechanical, thermal, optical, chemical, and electrical properties and its performance values. PPG. 411

Power Operators
Designed to meet NEMA standards, these power operators are used to open and close sliding gates, overhead and rolling doors, windows, louvered and ventilators, barrier gates, lifting or sliding hatches, hinged center posts, boat lifts, and many other applications. Kinnear. 412

Radiation Protection
These modular x-ray barriers provide radiation protection in medical facilities with distortion-free, shatter-resistant lead plastic. The "Clear-Pb" walls are described in this 20-page brochure, which also provides installation photographs and technical data. Nuclear Associates. 413

Service Doors
Easy Swing doors operate on a unique suspension utilizing gravity and offset pivots to produce a safe, gentle, swinging action. Doors open to a light nudge and close automatically without springs or mechanical closing devices. Eliason. 414

Steel Door Systems
This catalog features a line of new construction, replacement, patio, and fire door systems and transoms. Photos and illustrations highlight the styles of steel-faced doors available. Size and accessory information is included. Stanley. 417

Operable Skylights
Heating, ventilating, and cooling costs can be reduced by using these controlled-opening skylights, according to this literature. These units are custom built; using a variety of framing materials, clear spans exceeding 200 feet have been engineered. Rollamatic Roofs. 418
We have to admit, it wasn’t easy. In fact, it wasn’t even our idea. The architectural firm, Levenson Meltzer Neuringer, thought of it. They asked us to create a custom color for the windows that would pick up the blue in the terra cotta tiles on the building’s facade. We offered Crystal Cave Blue. After all, they had to put some color back in a structure with such a colorful past. Built in 1905, this building was a foster home to thousands of boys. But the architects insisted on more than just a perfect color match. You know how demanding good architects can be. They wanted custom pannings and bending made to fit the building’s many curved architectural sections. They even insisted that we match the moldings and muntins of the original windows, using heavy commercial double-hung tilt and fixed lite windows. 225 windows in all. Each and every one installed by Skyline Windows. While the building was fully occupied. It was no ordinary task. But this was no ordinary building. Thanks to the careful work of a great architectural firm, with a little help from Season-all, this building is assured of a long and colorful future. So next time you’ve got some colorful ideas for a rehab or new design project, call Season-all Architectural Windows at 1-800-999-1947, ext. 219. No matter how tough the assignment, we’ll make it easy on you.

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PARTNER IN CHARGE: Clark H. Neuringer, A.I.A.
COORDINATION AND INSTALLATION: Skyline Windows, New York, N.Y.

Circle No. 551
Door Hardware
Using this new hinge apparatus allows closet doors to swing wide, then slide back into the closet along the side walls. The mechanism uses architectural aluminum extrusions, nylon guides, and shielded ball bearings for durability and ease of movement. Stor-a-Dor. 419

Door Hardware
These metal- and nylon-door handles are designed to be used in glass, wood, or metal door applications. Various metal finishes and colors are available in the hardware's five standard shapes to coordinate with the surrounding environment. Hiawatha. 420

Wood Doors
These raised-panel oak doors, with a 15-ply continuous core, will not warp, twist, bow, or split, according to this brochure. For commercial and residential applications, they are available glazed, or with a variety of panel configurations, and have fire ratings of up to 60 minutes. TruLine. 421

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Materials Library:
QuickSHAPE — automatically retrieves properties and specs of more than 1,100 AISC shapes including channels, structural tees, and single & double angles. Provides all dimensions, weights, moments of inertia, and section modulus; then combines with these structural design programs to eliminate tedious manual calculations. Program accepts user defined properties and specs for other materials ............... $295

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So if you need a custom commercial window, look to the company you may have thought didn't even make one: Andersen. We'll help you explore your options. No matter what you have in mind.

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Senator window hinges from Bronze Craft... when ordinary just isn’t good enough.

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Thermal and Moisture Protection

Fireproofing, flat roofing, grout, insulated panels, insulation, metal roofing, roof pavers, sealants, seals, water-proofing, water repellents

Built-Up Roofing
This literature includes detailed specifications, applications, and installation instructions for the company's built-up and modified bitumen roofing systems. The detailed 60-page manual also includes a systems selector chart, flashing details, and warranty information. Celotex.

Foundation Insulation
Styrofoam Thermadry, an exterior foundation insulating panel, is designed to facilitate drainage of ground water away from below-grade wall structures, as well as to vent soil gases toward the surface. Offered in two types, the panels have R-values of 6.9 or 10.6. Dow Chemical.

Waterproofing
Decorative and waterproofing products, sealers and conditioners, concrete and masonry restoration, and other specialty concrete and masonry products are highlighted in this eight-page brochure. Usage and technical data on each product is provided. W.R. Bonsal.

Roofing Systems
Five different roofing systems are presented in this brochure, with a selector guide for choosing the correct system for each job. Loose-laid, fully adhered, mechanically anchored, mechanically attached, and protected membrane systems are described along with specifications. Firestone.

Fire Safety
"Fire Code Summary" analyzes the four National Model Codes (BOCA, ICBO, SBCCI, and NFPA) and their requirements pertaining to interior woodwork, fire door installations, and other exterior and interior wood uses in buildings. Architectural Woodwork Institute.

Roofing
This 350-page publication presents a line of roofing and waterproofing systems. The fully indexed binder contains detail drawings, product samples, and information on mechanically attached, adhered, ballasted, and IRMA applications. The manual also supplies performance properties. Sarnafil.

Roofing Products

Insulation
Thermalfiber life-safety insulation is an energy-saving product with a fire/smokestop system for fire containment in high-rise and commercial buildings. This handbook explains the system, presents four types of curtain-wall insulations, and describes a line of sound-absorbing insulation blankets. USG Interiors.
Thermal and Moisture Protection

Roofing Systems
This roofing insulation board is tapered to provide positive drainage on level or near-level roofs. The company will prepare an accurate and detailed design and layout pattern to achieve the correct slope. An information guide is included. **Manville.** 234

Sealants
Sealants and penetrating repellents for protecting masonry from water damage are described in this brochure. A guide is included to help the specifier choose the correct product for a surface and also gives coverage rates per gallon of sealant used. **ProSoCo.** 235

Metal Roofing
This company manufactures a full line of commercial and industrial roofing and siding products available in various gauges and coated with a siliconized polyester paint. The brochure provides physical properties, detail drawings, finishing options, and specifications. **Metal Sales.** 236

Insulated Panels
This full-color brochure provides a brief overview of these insulative foam panels. Available in a variety of colors with a smooth or textured finish, specification data sheets have detail drawings and installation instructions. **Weyerhaeuser.** 237

Rubber Membranes
Hypalon synthetic rubber is the basis of the Hi-Tuff single-ply roofing membrane, a durable, fire-resistant product that can be hot-air welded for reliable seaming. This 16-page brochure explains the membrane and presents a selection of plastic-seam fasteners, insulations, and adhesives. **Stevens.** 238

Asphalt Waterproofing
Ruftac II is a self-sticking, modified asphalt membrane, reinforced with asphalt-saturated nonwoven polypropylene fabric. It has excellent waterproofing properties, adheres to many types of surfaces, is easy to handle, very flexible, and can be used in single-ply roofing systems. **Phillips Fibers.** 239

Water Repellents
This literature describes an integral agent that offers water repellency and efflorescence control for masonry units and mortar. The solution achieves the latter by combining with water-soluble salts in the masonry and rendering them inactive. **Acme-Hardesty.** 240

Modified Bitumen Membrane
Complete specifications and applications guidelines for several roofing systems are provided in this extensive binder. These modified bitumen membranes are available with smooth or granular finishes for new construction or reroofing. The catalog also features Dibiflash, a precut membrane for small tasks and repairs. **Dibiten.** 243

Silicone Sealants
Applications and product features are described in "Silicone Construction Sealants." Drawings of recommended joint designs and charts to help specifiers estimate sealant requirements and compare these products with competing materials are included. **Dow Corning.** 244

Roof Pavers
A system of interlocking, lightweight pavers for single-ply roof systems is described in this brochure. These pavers provide protection from wind, membrane punctures, and membrane deterioration because of UV exposure. A selection chart is included. **Roofblok.** 245

Grouting
The "C-Cure Specifications Guide" is an easy-to-use reference for the proper specification of setting and grouting materials for almost any ceramic tile installation. Divided into sections on mortar and grout, charts list substrates, type of tile, color options, and more. **C-Cure Chemical.** 242

Insulated Panels
This full-color brochure provides a brief overview of these insulative foam panels. Available in a variety of colors with a smooth or textured finish, specification data sheets have detail drawings and installation instructions. **Weyerhaeuser.** 237

Acrylic Sealants
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Roof Pavers
A system of interlocking, lightweight pavers for single-ply roof systems is described in this brochure. These pavers provide protection from wind, membrane punctures, and membrane deterioration because of UV exposure. A selection chart is included. **Roofblok.** 245

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**Paving**
This product elevates roof and deck pavers to provide better drainage and protection of the waterproofing membrane. Comprehensive technical data and installation instructions and diagrams are included in this brochure. **Envirospec.**

**Inflatable Seals**
These fabric-reinforced elastomeric seals, able to be molded into many custom shapes, are described and illustrated in this informative, four-page brochure. Some typical configurations, with their various dimensions, are shown in a number of section drawings. **Seal Master.**

**Roofing System**
This brochure describes StressPly, a multi-ply elastomeric roofing system, which is said to resist substrate movement, puncture, abrasion, thermal shock, solar radiation, and oxidations. The literature includes a life-cycle cost chart. **Garland.**

**Seals**
Full of drawings of door and window seals, this brochure shows saddles, sills, heads, jambs, and stiles. A specification guide and information about the company's new fire, smoke, sound, and weather control systems are also included. **Zero International.**

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Interior Finishes

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Ceramic Tiles
“The Designer’s Guide to Italian Ceramic Tiles and their Installation” provides an overview of the properties, applications, installation, and maintenance of ceramic tile. Detailed guidelines for choosing tile, based on various applications are included along with a tile glossary. Italian Tile Center.

Metal Panels
Sublimchrome is an anodized aluminum sheet with vibrant colors bonded into rather than painted onto the surface. Available in a variety of colors and patterns, the product can be used for a number of different interior applications. Advanced Technology.

Floor Systems
Various flooring systems including terrazzo, industrial, and more are described and illustrated in this brochure. Also included is an informative applications guide for selecting the appropriate system for a specific need. General Polymers.

Ceramic Tiles

Flooring
Marble-patterned linoleum tile is available from this company in 24 colors. Resistant to bacteria and cigarette burns, the flooring is easily installed and maintained. This brochure gives specifications and technical data, and shows some of the decorative possibilities. Forbo North America.

Laminates

Rubber Flooring
A 24-page catalog features the company’s selection of studded rubber tile, sheet flooring, stair treads, cove base, and solid vinyl flooring. The literature includes information about chemical resistance, fire ratings, and adhesives. Flexco.

Paint
Painting systems for more than 40 surface types are included in this 24-page guide. Interior and exterior applications, in new construction and remodeling, commercial and residential, are included. Recommendations for substrate preparation, product, and finishing schedule are also provided. Fuller-O’Brien.

Rubber Flooring
A variety of rubber and vinyl flooring products, including cove base, raised-design tile, stair treads, adhesives, and floor-care products are featured in this brochure. Included in the 16-page booklet are specifications, testing information, and color samples. Roppe Rubber.

Ceiling Systems
This 64-page color catalog provides a comprehensive profile of this company’s ceiling systems including specifications and product descriptions. Sections on special function panels and tile, specialty ceilings, color, fire protection, sound attenuation, and suspension systems are included. USG Interiors.

Column Covers
Stainless steel and aluminum column covers are illustrated in this brochure in a variety of colors and textures. Typical joint details for covering steel or concrete columns are shown along with some of the design options available. C/S Group.

Roppe Rubber
Vinyl Tile
Vinyl tile in solid, marbelized, and mosaic-like patterns is described in this 15-page brochure, with installation photos, pattern samples, and comparative data. Information on wall-base products, adhesives, and chemical resistance is also provided.

Ceramic Tile
This 48-page catalog includes color photos of the complete line of glazed wall and floor tile, quarry and pavers, plus mosaics. Decorative tiles are featured in the booklet which also gives industry standards and tile usage classifications.

Vinyl Tile
This diverse collection of vinyl tile products includes simulations of textured wood, granite, marble, slate, and brick, as well as a range of embossed patterns and solid tiles. The 27-page catalog recommends subfloors and adhesives, and provides comparative data.

Architectural Millwork
This 120-page catalog of architectural millwork includes moulding, paneling and siding, stile-and-rail paneled doors, wood windows and sash, mantels, cabinets and store fixtures, and stair parts. Profiles of stock millwork are shown and the company will also do custom milling.

Safety Stair Treads
These solid rubber or vinyl safety-stair treads, risers, landing materials, and floor coverings help make stairs and walkways safer in public buildings. The stair treads come in a variety of textures and colors, and are shown with complete dimensions.

Composite Panels
This composite material duplicates the look of granite, marble, and onyx; because the grain goes through the material, burns can be sanded out. Stain and chemical resistance, technical data, maintenance, flammability, and more are discussed in this brochure.

Parquet Flooring
A 16-page catalog shows the complete line of Hartco pre-finished parquet flooring products, including Pattern-Plus, an acrylic-impregnated hardwood flooring. Moldings, floor care products, and adhesives are also featured.

Plaster Mouldings
Sculptured crown mouldings, niches, mantels, medallions, and other architectural details of durable molded plaster are available from this company. These rich-looking design elements are easily installed and won't show their age through cracking, warping, or shrinking.

Tile
This 40-page catalog highlights a line of quarry tile, floorbrick, glazed floor and wall tile, decorative tile, sculptured tile, pool tile, and custom murals. Various installation products are also described including a series of chemical-resistant mortars and grouts.

Acoustical Panels
These lightweight, fabric-covered wall panels offer acoustic control, design flexibility, and simple installation and maintenance. As this eight-page brochure explains, the panels consist of thick layers of glass fibers molded to a honeycomb core.

Commercial Carpets
Effective maintenance of commercial carpet requires knowledge of basic cleaning methods, stain removal procedures, and corrective measures for problems like burns, snags, and fuzzing. This new brochure discusses such factors in detail using graphs and charts.

Tile
This colorful 48-page tile products catalog illustrates actual installations and offers color charts of 20 distinctive lines of tile. Included are specifications on setting and grouting materials, and a section defining ceramic tile characteristics.
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Carpeting
"Themes and Variations" offers the flexibility of custom carpeting without the usual time and cost considerations. By specifying pattern, construction, and colors, a designer has access to more than 400 different combinations. An installation manual is also available with detailed diagrams and photos. Karastan. 268

Ceramic Tile
Two brochures discuss porcelain tile manufactured by this company. The tile is available in a matte, textured stone, or polished finish in a variety of colors. Performance data, and information on stain removal and general maintenance, sizes, and colors is given. Crossville Ceramics. 272

Resilient Tiles
Two types of rubber flooring for indoor and outdoor use are described in this brochure. Designed for use on playground surfaces, health clubs, athletic surfaces, and others, these durable tiles provide high traction and shock absorption. Carlisle Tile & Rubber. 273

Plaster
This packet of information describes a gypsum-impregnated fabric that will hide cracks, patches, mortar joints, and minor irregularities in surface construction. Installation instructions are included, as are test results, specifications, samples, and more. Flexi-Wall Systems. 274

Porcelain Tiles
Fiandre Ceramic Granite features an extensive line of unglazed porcelain tiles in sizes ranging from 4" x 4" to 16" x 16". Tiles are offered in matte, polished, and skid-resistant finishes, and the variety of color and pattern possible is shown in this brochure. Trans Ceramica. 276

Steel Panels
This four-page brochure enumerates the many applications and benefits of ceramic-on-steel panels. A panel construction guide, a listing of insulation values, and a chart of available veneers also is included. AllianceWall. 277

Ceramic Tile
This full-color 56-page catalog provides the specifier with a valuable reference guide for the selection of ceramic tile. Installation photos, specifications, and size, color, and trim information are given for each product. DalTile. 278

Commercial Carpet
"Performance," an all-new brochure, presents a collection of carpet systems for commercial installation. The brochure describes available patterns and textures and is organized into coordinated collections for specific end-use applications. Lees. 279

Paint
Interior, exterior, and heavy-duty coating systems are highlighted in this 75-page booklet, with tables recommending finishes and coatings for various substrates. Detailed product descriptions give rise to performance information, characteristics, and application information. Sherwin-Williams. 270

Laminates
This six-page guide shows 90 solid-colored high-pressure laminates for interior use. The material is available in a variety of thicknesses, backed by an aluminum sheet, and can be obtained with a fire-retardant rating. Micarta Laminate. 271
WHAT MAKES A PAINT COMPANY GOOD ISN'T JUST GOOD PAINT.

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Wood Interiors
This book explains the basics of selecting colors, patterns, species, textures, and finishes for solid wood paneling. Color photographs illustrate a variety of residential panel installations, while a section on finishes discusses sealers, paints, and stains. Western Wood Products Association. 280

Ceiling Systems
Sleek linear patterns, colorful grids, and mirrored panels are just a few of the commercial/retail metal-ceiling systems displayed in this 16-page catalog. The catalog includes color and finishing options as well as information on ceilings for corrections facilities. Alcan. 282

Floor Tiles
Cast marble floor tiles and wall panels are available in 15 colors in either a polished or honed finish. Samples of colors are shown in this brochure as are several photographs illustrating some of the ways the product can be used. Armstar. 287

Wester Wood Products Association.

Ceiling Systems
The Vista Parallel Beam System and Classique metal lay-in panels are described in this 12-page, full-color brochure. Available in over 100 colors including reflective metal finishes, the systems also feature a line of integrated light fixtures, air diffusers, and acoustic installation blankets. Chicago Metallic. 284

Movable Walls
The GB-350 System is a line of acoustical wall panels with vinyl-, fabric-, and steel-face options. It is designed with a stud extension that allows for a perfect fit without the need to field cut each stud. Gold Bond Building Products. 285

Laminates
The Design Group I brochure features decorative laminates in 200 colors and patterns. Also shown are solid color laminates, decorative tambours, fire-rated laminates, and decorative finishes resembling wood, stone, or leather. The booklet includes photographs and brief specifications. Wilsonart. 286

Chicago Metallic.

Wall Systems
This brochure offers a comparative analysis of structural glazed facing tile, epoxy-painted concrete block, thin ceramic tile on concrete block, and precast concrete block. The glazed facing tile outperformed the other products in punishing environments. Stark Ceramics. 288

Ceramic Feature Strips
"Borderlines" is a new, six-page brochure that highlights a collection of ceramic feature strips. Designed to create accent bands and moldings, or as framing element, the collection includes 86 colors. Atlantic Trading. 289

Sound Control
Impact noise in multistory buildings can be reduced with Enkasonic matting, a durable, two-layer composite of nylon filaments. As this brochure explains, the matting can be used beneath ceramic tile, marble, wood, vinyl, or carpeting. AKZO Industrial. 290

Sound Control
By using the Carpet Appearance Index and the Maintenance Index, and comparing the results, flooring professionals can pick the best possible carpet for a particular environment. Information on soil management, preventive maintenance, and stain removal is included. DuPont. 283

Acid-Proof Flooring
Permanite is a polymer-concrete flooring that resists acid, alkali, salt, and organic chemical spills, yet will last up to 20 years. An informative chemical resistance chart is included to help specifiers. Koch Engineering. 287

Movable Walls
These full-height wall panels have only five parts to make installation fast and easy. Individual panels may be moved without disturbing adjacent units. Panel sizes and features are given along with some detail diagrams. Mills. 291
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Vitreous Tile
Glazed and unglazed tiles, in a broad palette of colors, are shown in this brochure. Information about the wear-resistance and available sizes of each tile are given, along with illustrations of the available trim pieces. The palette ranges from primary and secondary colors to pastels and neutrals. Villeroy & Boch.

426

Carpet Backings
This brochure describes how these polypropylene carpet backings improve the performance and aesthetics of carpeting in industrial applications. These materials cannot be damaged by wetness and will not support mold or mildew growth. They also reduce static electricity. Amoco Fabrics & Fibers.

427

Ceramic Tile
This 55-page full-color booklet shows a variety of ceramic tile for residential and commercial use. An informative index gives tile sizes and applications and results from ASTM tests. A section on installation materials and tools is included. American Olean.

428

Floor Tile
Eight pages long, this brochure includes all of the information necessary to select and specify tile in the company's traffic and craftsman lines. Applicable ASTM standards are listed, and the available colors are shown. An outline specification also is provided. Ludowici.

429

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Furnishings

Casegoods, concealed beds, fabrics, furniture, hardware, panels, seating, window coverings

Office Seating
The Connex chair is designed to address every office need. It has an easily adjusted tension control and a system of vents to allow fresh air to pass through the chair surface, penetrate the foam, and reach the sitter's body. Kimball. 294

Modular Carts
This line of modular furniture is mobile, compact, and sturdy. Starting with a standard cart, optional pieces can be added to hold office equipment in the configuration you prefer. This brochure lists all dimensions, shows available colors, and also gives some possible unit arrangements. Anthro. 295

Office Furnishings
The "Elective Elements Planning Guide" is a tool to help designers get the most from this system. It contains information about everything from office layouts to electrical power, and shows how easy the system is to design with, specify, and install. Stow & Davis. 296

Canteen Furniture
Suited for use in corporate cafeterias, schools, hospitals, and food courts, this furniture is easily assembled, and designed to conform to a variety of room dimensions. Finishes for the steel frames and wood- and laminate-tops are shown along with complete dimensions. Kroin. 297

Furniture
Office and conference tables, and a line of seating products are described in a series of three brochures from this company. Included is a group of tables designed by architect Oscar Niemeyer. Various finish options are shown along with dimensions. Shaw/Walker. 298

Furniture Hardware
Available in 13 colors, these uniquely designed pulls and knobs are for cabinet and furniture applications. Constructed of nylon, the rounded forms minimize the chance of injury. Illustrations, installation diagrams, and dimensions are included. HEWI. 299

Textiles
The "Interior Textiles Fabric Resource Directory" lists more than 50 sources for wool and woolblend fabrics for upholstery, panel, wallcovering, casement, and drapery use. Manufacturing techniques, fabric types, washability, flame resistance and more are noted. The Wool Bureau. 301

Furniture Hardware
A triple-joint design allows these seating pieces to follow the occupant's movement or to be locked into any fixed position. This series of brochures shows the various options and gives size specifications for all chairs. Girsberger. 300

Fabrics
Detailed information on three different grades of panel fabrics are given in this folder which includes actual samples of the material. Weave, construction, yarn type and content, weight, and width are all noted as are performance results from various tests including color fastness and abrasion resistance. Voko. 293
Movable Panels
These panel systems offer complete portability and options including doors, windows, and hardware for hang-on furniture. Detail diagrams for both show floor and ceiling attachments, corner and edge details, and typical panel joints. Modernfold. 302

Upholstered Furniture
This 53-page black-and-white catalog, along with a separate 30-page booklet outlining net prices and specifications, allows designers to compare the more than 60 furniture designs available for residential and commercial settings. Lee Jofa. 306

Fabric
"Executive Suite" is a brochure showing some of the commercial fabrics available from this company. Fabric width, fiber content, abrasion resistance, available colors, and various test results are also shown. Brunschwig & Fils. 310

Seating
The Piping Series is a smaller-scaled chair, sofa, and table group designed to fit into tight office areas. This brochure has photos of the pieces and diagrams with all dimensions. A variety of wood finishes and fabric coverings is available. Davis Furniture. 303

Auditorium Seating
Four types of fixed seating for theaters and auditoriums are described in this technical manual containing guidelines used in planning spaces, as well as sample floorplans. Topics covered include comfort, safety, visibility, and project analyses. JG Furniture Systems. 307

Casework Specifications
This guide provides standard dimensions for general and handicapped-accessible casework, as well as comparative information about cabinet hinges and metal drawer slides. Detail nomenclature is also shown in the diagrams. Architectural Woodwork Institute. 309

Concealed Beds
This brochure features the wall-bed, a space-saving device that converts living area to sleeping space in houses, apartments, or condominiums. Coordinating modular cabinets, an expandable table, and an in-wall ironing center are also described. SICO. 311

Stackable Chairs
This stackable chair, made of polypropylene, is available in a variety of styles and colors. Fully illustrated in color, the brochure includes complete dimensions. Kartell USA. 308

Chair Systems
The Onda chair may be used singly or in combination with square or radius-corner tables to provide modular seating for waiting areas. The variety of available options is listed along with complete dimensions. Kasparians. 313

Insulating Shades
These five-layer window coverings can cut heat loss and solar gain by preventing the infiltration of outside air and the escape of indoor air. Product specifications and installation diagrams are given along with a technical comparison chart. Appropriate Technology. 304

Wood Furniture
This catalog is a binder that presents the manufacturer's line of hardwood contract furniture including casegoods, seating, tables, lounge, and library furniture in a range of natural woods and finishes. Fabric samples are also provided. Tuohy. 312

Office Furnishings
This brochure highlights the "Eclipse" chair, part of this company's collection of office seating and casegoods. Full-color photos show the variety of wood finishes in upholstered and unupholstered styles. Complete dimensions are included. Brayton International. 305

Office Furnishings
This brochure highlights the "Eclipse" chair, part of this company's collection of office seating and casegoods. Full-color photos show the variety of wood finishes in upholstered and unupholstered styles. Complete dimensions are included. Brayton International. 305
If your objective is to use furnishings to project a reputation for quality and individuality through the use of distinctive design, natural materials and fine craftsmanship, Geiger was created to assist you in meeting this objective.

Founded in 1964 and known as international, we have grown from a small, custom shop to a leading office manufacturer, with manufacturing facilities in the United States, Canada, and the United Kingdom.

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Mobila Series desks are available as table desks or double pedestal desks with or without an extendable trolley. The desk and credenza are available with numerous options including leather, marble, granite and an accessory tray. The inlay and base are available in a variety of color and metal finishes.

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Special Components and Equipment

Access flooring, chambers, dock levelers, domes, drainage systems, elevators, emergency lighting, environmental controls, fireplaces, lockers, railings, security and fire equipment, stairs, video equipment

Railings
Complete technical data and assembly guidelines for an interior railing system appear in this illustrated eight-page brochure. The booklet provides detail drawings with dimensions and physical properties. The railings are available in aluminum, bronze, and stainless steel.
Julius Blum. 316

Elevators
These elevators feature the Microprocessor Controller, a small, fast, and reliable elevator control system that can instantly calculate the most efficient way to handle traffic. Recommended sizes and capacities are also given for eight different elevator types.
Dover Elevator. 320

Environmental Chambers
Temperature-controlled reach-in and walk-in chambers for medical and scientific use are detailed in this 26-page brochure. Operating and ordering information is included for frigid chambers, incubators, animal-study chambers, and others.
Lab-Line. 317

Fire Extinguishers
This catalog has four different types of fire extinguishers to handle Class A-, B-, and C-type fires. A selection of cabinets in steel, stainless steel, aluminum, brass, and bronze is also included. Complete specifications, dimensions, and options are shown.
J.L. Industries. 318

Emergency Lighting
This 29-page catalog details a variety of emergency lighting systems and exit signs. Dimensions, features, photometric charts, and information on batteries is included. The National Electrical Code and Life Safety Code are also given.
Chloride Systems. 322

Fireplaces
This folder contains an eight-page brochure with color photos and general information about the various fireplaces produced by this company. Data sheets are also provided which show dimensions of the units and their framing.
Superior Fireplace. 323

Security Grilles
This catalog features a complete line of rolling and sliding security grilles to be used in malls, hospitals, schools, banks, and other places requiring security measures. Various grille types in a variety of finishes are described with drawings and specifications.
Dynafair. 315

Video Equipment
This company's integrated line of closed-circuit television surveillance equipment is highlighted in this catalog. Products such as cameras and lenses, housings, mountings, monitors, recording devices, and remote positioning devices are described and illustrated.
Vicon. 319

Safety Enclosures
This color brochure includes descriptions, options, and design details for bullet-resistant doors, windows, guard houses, and other security equipment. Information on ballistic threats, specifications, and recommended uses along with actual installation photos is included.
National Bullet Proof. 321

Elevators
The Series H Hydraulic Elevator is designed with a front-mounted jack for use in low-rise buildings where installation is difficult. These units come with microprocessor controls and a variety of interior finish options.
Westinghouse Elevators. 314
Special Components and Equipment

Video Equipment
Closed-circuit video equipment including cameras, monitors, video recorders, housings, and mounts are among the products explained in this catalog for general purpose or specialized surveillance applications. Burle. 324

Lockers
An assortment of lockers in a full range of colors is detailed in this 20-page catalog. Single, double, and multiple tier lockers, quiet lockers, and special-purpose lockers are described, as well as a selection of handles, bases, hoods, locks, and hooks. Lyon. 325

Access Flooring
Donn Access Floor Systems offer flexible wire management for computer rooms and other high technology environments. This 20-page catalog describes several panel systems and understructures as well as finishes. Load ratings, specifications, and a selection of accessories are provided. USG Interiors. 326

Hydraulic Lifts
This brochure outlines several hydraulic and mechanical devices for vertical transportation of materials. Machines for multiple-level movement, exterior applications, and light-duty uses are featured, along with an extra-capacity unit that lifts up to 12,000 pounds. Safety information is provided. PFlow. 327

Elevators
The Classique I and Classique II elevators are designed for installation in residential or institutional buildings in a space no larger than a normal closet. Various hoistway plans and design features are given. Cheney. 328

Drainage Systems
A series of technical data bulletins describe basic uses, limitations, composition, size, load bearing capacity, and more for these interior and exterior drainage systems. Installation instructions are included with diagrams, and a listing of publications for further information is also given. L.M. Scofield. 329

Hydraulic Lifts
Fluid Logic is a hydraulic control system designed to automatically position dock levelers swiftly, smoothly, and safely. It eliminates the need for solenoids and external electrical valves on the dock leveling equipment. Poweramp. 330

Stairs
Alternating tread design permits comfortable face-forward descents at steeper angles than conventional stairs, conserving space. This brochure states that the stair is the logical alternative to ladders, ship's ladders, and spirals. Lapeyre Stair. 331

Security Systems
This company offers a full line of systems that provide attack-resistant protection against ballistic weapons, fire, blasts, and forced-entry assaults. Enclosures, door and frame assemblies, service windows, and more are detailed in this catalog. Chicago Bullet Proof. 332

Access Flooring
A new, eight-page brochure outlines S-Floor, a reinforced-concrete access floor panel developed for use in offices that will perform well under concentrated and rolling loads. The specifications detail the load testing done on these panels. Innocrete Systems. 333

Environmental Controls
A full-color brochure is available on this system which allows employees to control temperature, lighting, air flow, and sound characteristics of each individual workstation. The separate "Personal Environments Design Guide" gives detailed descriptions of the product components. Johnson Controls. 334

Laundry Equipment
The "Laundry Planning File" is an instructive portfolio of literature on in-house laundry planning for schools, hotels and motels, and other institutions. The kit includes reprints of relevant articles, cost-saving tips, planning questionnaires, and a selection of laundry machinery. Pellerin Milnor. 335
Special Components and Equipment

Workstations
The wide range of this company's furniture and office environments is illustrated in this four-color brochure. Office workstations, executive furniture, laboratory systems, factory workstations, and auditorium seating are among the items illustrated. American Seating.

430

Glazed Domes
The Crystogon, a glazed dome structure, is custom designed in circular, hexagonal, barrel vaulted, or square configurations with clear spans ranging from 30 to 200 feet. This aluminum-framed structure can be single- or double-glazed with glass, acrylic, or polycarbonate panels. Temcor.

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Plumbing and Mechanical Equipment

HVAC equipment, kitchen accessories, louvers, plumbing fixtures, spas, sprinklers, washroom hardware, water coolers

Sprinkler Systems
This informative booklet discusses the various types of sprinklers available including solder type, bulb type, early suppression, concealed, and others. Schematics are given for each of these, showing sprinkler layout, heat detectors, and pipes under water pressure. Grinnell. 338

Washroom Accessories
This 40-page catalog features high-quality stainless steel washroom accessories ranging from soap dispensers and paper towel holders to waste receptacles, mirrors, and more. A complete line of handicapped-accessible items is also available. Dimensions and descriptions are provided. A&J. 339

Fans and Heaters
A complete line of exhaust fans, roof and wall fans, whole-house ventilators, range hood ventilators, and radiant heaters are shown in this catalog. Complete specifications including finishes, dimensions, air delivery, sound levels, and more are included. NuTone. 340

Louvers
This detailed catalog has complete sizing and structural information, and free-area charts for determining the correct louvers and dampers to satisfy specified air quantities. Included are stationary and operable, horizontal and vertical, extruded-aluminum, and fabricated-steel units. Airstream Products. 341

Kitchen Accessories
This Scandinavian-designed line of kitchen and bar sinks, and kitchen range hoods are shown in two, full-color brochures that illustrate the finish options available. The brochures include sizes, installation information, and care instructions. Abbaka. 342

Spas
For residential and commercial use, these stainless steel heated spas will accommodate from 4 to 22 people. Dimensions, water capacity, weight, a plumbing schematic, and more are provided in this full-color brochure. Bradford Spas. 343

Water Coolers
A full-color 24-page catalog contains a quick reference selector guide to 53 kinds of water coolers, as well as an inventory of related products. Information includes an application guide, detail drawings, and the rated capacity of each model. Ebco. 344

Bath Fixtures
Two, four-page full-color brochures are available which feature a line of vitreous china and porcelain enameled steel lavatories and sinks, as well as a collection of bidets and water-saving toilets. Dimensional drawings are also included. Briggs. 337

Washroom Hardware
Over three hundred pages of well-organized product information make up Catalog 802, a detailed guide to washroom hardware. Each product in the catalog is evaluated according to its design, finish, specifications, materials, installation, and distribution. Tubular Specialties. 336

Bath Accessories
This Washroom Equipment Catalog illustrates and explains a line of accessories for non-residential washrooms. The booklet includes drawings, dimensions, and recommended mounting heights for both standard and handicapped installations. Bobrick. 345
Introducing exciting new colors and styles from Briggs.

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Lighting and Electrical Equipment

Controls, lamps, lighting fixtures, lighting poles, reflectors, wire management systems

Luminaires
This elegantly photographed booklet features table, floor, wall, and ceiling fixtures from the manufacturer of the "Dove" lamp. These high-tech, avant-garde luminaires come in several colors which are shown along with sizes and lamp specifications. PAF. 348

Emergency Lighting
This catalog describes a complete line of emergency lighting equipment, including remote fixtures, exit signs, and more. Capacities, applications, and dimensions accompany each product description. The manual also includes lamp charts. Lightalarms Electronics. 349

Wiring Devices
A complete line of dimmers, both incandescent and fluorescent, are highlighted in this illustrated brochure. Several detailed charts provide technical information on each product. Leviton. 350

Downlighting
"Architectural Downlighting" contains 105 pages of information including materials and construction details, a quick-reference table for fixture selection, product pages with dimensional drawings, trim color options, and complete photometric data. Information on accessories is also given. Marco. 346

Lampposts
Historic fixtures for city streets, parks, marinas, and plazas are shown in this 32-page color catalog. Ornamental lampposts and bollards are welded for single unit construction and are maintenance free, weather resistant, and vandal-proof. Sternberg Lanterns. 347

Outdoor Lighting
This hard-cover book gives an exhaustive portrait of the company's exterior lighting. Unusual features include a dictionary of terms and explanatory text on lamps, lighting fixtures, and lenticular lens. Devine. 353

Landscape Lighting
This six-page color brochure describes techniques for tree lighting using a line of 120-volt and low-voltage fixtures for mercury vapor and tungsten halogen lamps. Lamp selection guides and a fixture guide are included. Imperial Bronzelite. 354

Luminaires
A collection of indoor lighting luminaires of blown glass accented with crystal, brass, and chrome is shown in this catalog. Wall, ceiling, pendant, and sconce fixtures are available in a variety of shapes and forms. Bega/Limburg Glass. 355

Luminaires
This eight-page brochure details the aesthetic and performance characteristics of ParkLane, an area luminaire that utilizes Prismetal, a metal applied as a liquid to the rear surface of a prismatic glass reflector for light control. Dimensional details and photometric data are included. Holophane. 352
Low-Voltage Lighting
A range of downlights, wallwashers, accent lights, and display lights are featured in "Low Voltage Recessed Lighting Systems." Various accent lighting effects are illustrated, and the brochure includes information on footcandles for single or multiple unit installation. Omega. 356

Indirect Lighting
A high-performance reflector system produces direct, even illumination at the work plane and a widespread, indirect distribution for smooth ceiling brightness. Specifications are included and a separate brochure shows the color possibilities. Litecontrol. 357

Light Poles
These fiberglass light poles are strong, durable, attractive, and weather resistant. Available in several colors and an array of sizes, they can have three shapes. Accessories and options are also noted. Shakespeare. 358

Security Lighting
This specifications catalog represents a complete line of complex environmental lighting for prisons, high-abuse locations, and clean rooms. Cross sections, dimensions, and details along with photometrics and ordering information are included. FailSafe. 359

Arena Lighting
"Multipurpose Facility Integrated Lighting Systems" details the products and services this company provides for the lighting of civic centers, convention centers, arenas, and gymnasiums. Recommended lighting levels for different activities are listed, along with samples of company services. Sterner. 360

Security Lighting
Besides security lighting, this 50-page catalog also includes outdoor, commercial, and industrial lighting. Information on pole spacing, photometric data, and fixture tilt angles is also given. Complete applications assistance is offered for all H.I.D. products. Ruud. 361

Lighting
Floor, table, and wall lamps are exhibited in this "New Products 1" brochure. Dimensions, finishes, and maximum wattages are noted. Also featured in this catalog is the "Monticello Clock Collection." Koch + Lowy. 362

Track Lighting
"Lytespan" is a flexible and economical design choice in track lighting according to this 90-page catalog. Both residential and commercial applications are illustrated using these low-voltage systems. Complete performance data is included. Lightolier. 363

Lighting Systems
The Viewpoint Architectural Dimming System stores lighting presets in a microprocessor. A personal computer can configure relationships of channels, dimmers, control panels, time-clock settings, and more. LED and LCD control stations function in Basic, Standard, and Expanded systems. Lee Colortran. 364

Lighting
Incandescent, fluorescent, and high-intensity-discharge luminaires for ceiling and wall attachment are displayed in this 21-page product guide, with application, specification, and ordering information. A selection of exit signs and lighting fixtures for high-abuse areas is also included. Kenall. 365

Light Poles
The Nostalgia Lighting Series catalog features a selection of lamp posts which have been manufactured since 1906. Eleven styles are illustrated with round and fluted shafts for mounting heights of 8 to 30 feet. Luminaires can be mounted in several configurations. Union Metal. 366

Lighting Panels
This full-color brochure gives a short overview of these parabolic louvers. Detailed data sheets of technical information with footcandle distribution, coefficients of utilization, visual comfort probability tables, and more are included. A.L.P. 367

Lighting and Electrical Equipment
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Indexed for easy reference, the manual also contains more than 300 illustrations, 100 charts, and 40 pages of definitions and symbol explanations. Can you afford to be without it?

For further information contact: GTE TestMark Laboratories Publications Department 3050 Harrodsburg Road Lexington, KY 40503 (606) 224-1473 or 1426
Lighting and Electrical Equipment

Lighting
Recessed downlights, surface-mounted fluorescents, incandescents, and track lights are among the items described in this catalog. Also included are specialty items such as exit signs and a shower light. An informative guide for choosing the correct lamp is also included. NuTone. 368

Emergency Lighting
These decorative wall sconce luminaires allow the designer to meet emergency lighting codes without disrupting the design scheme by using matching emergency and conventional fixtures. All of the electronics are built into each luminaire for ease of installation and maintenance. Siltron. 372

Track Lighting
Residential and commercial fixtures are shown in this 54-page catalog of track lights in a variety of finishes. Color photos show the variety of effects obtainable, and photometric charts illustrate lighting performance of many popular lamps. Capri. 373

Indirect Lighting
This brochure details a low-voltage incandescent lighting strip for installation under cabinets, and in soffits, coves, and kickspaces in commercial and residential buildings. Application and design data, photometric information, and installation instructions are included. Progress Lighting. 374

Decorative Lighting
This eight-page catalog contains large, full-color photographs of these decorative, interior lighting fixtures. Standard finishes, sizes, and maximum lamp wattage are noted for each and a separate price list is also included. Art Directions. 376

Environmental Lighting
The Infinity II roadway and area lighting fixture is presented in this brochure. Photometric charts show comparisons of the five optical assemblies available. Foot candle curves and factoring charts for pole height are included. EMCO Environmental Lighting. 377

Lighting Systems
"Inner Spaces" is a low voltage track lighting system in which the luminaires are located within a three-inch-diameter aluminum tube. Various modules and angled couplers along with lamp spacing of 12 to 36 inches permit assemblies of almost any shape. U.S. Powerbeam. 378

Lighting Systems
This aluminuim lighting sheet helps control iridescence which may occur when high efficiency lamps are paired with traditional reflectors. Several technical studies are available which discuss the advantages of this group of products. Alcoa. 370

Wall Washers
Comparison photos show the difference between a conventional perimeter wall washing fixture and the SR-WW System. Designed to be mounted away from the wall, the fixture allows increased installation flexibility, uniform wall illumination, and reduced shadows. Illumination Concepts & Engineering. 371

Decorative Lighting
This folder contains brochures on various types of specialty lighting for restaurants, theaters, shopping malls, and other commercial and residential applications. Bulb channels, light tubes, ceiling panel lights, and more are shown in full-color photos of actual installations. Tivoli. 375

Lighting
Turn-of-the-century and Art Deco-style lighting fixtures are featured in this color catalog. According to this literature, styles can be varied by using different shades, colors, andrints. D'Lights. 379
New From The Original Cast® Series

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At DPIC Companies, we think information is good insurance against making serious mistakes.

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Professional Liability Insurance for Design Professionals

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Circle No. 522 on Reader Service Card
Office Equipment and Services

Asbestos-abatement services, books, CAD systems, drafting equipment and film, filing systems, liability insurance, plotters, software

Plotters
Brochures detailing a laser monochrome plotter and an electrostatic monochrome plotter are available from this company. The variety of tonal patterns and line widths are illustrated and both brochures include detailed specifications such as media type and power requirements. Versatec. 382

Books
A catalog featuring a wide range of practical and informative books covering topics from architectural lighting to structural design is available from this company, publishers of Architectural Graphic Standards. Bookstores selling their books are also listed. John Wiley & Sons. 386

Drafting Supplies
Products ranging from markers and templates to furniture and filing systems are displayed in this extensive catalog. The 68-page booklet includes prices and technical data as well as a mail order form and a convenient toll-free number. A bi-monthly sale catalog, "Sage Buys," is also available. Saga. 380

CAD Systems
This system allows design in two or three dimensions. A new rendering module provides extremely fast shading and hidden line removal, as well as a variety of light source direction choices and simultaneous screen views. Versacad. 381

Drawing/Filing Furniture
An 80-page catalog covers a line of architectural filing systems, including rolled-plan files, flat drawer files, and reprographics files. Also featured is the company's extensive line of furnishings and other products for the architect's office. Plan Hold. 385

Plotters
A series of specification sheets are available from this company describing their large format and desktop plotters, and thermal printers. Hardware/software compatibility, pens and media, interface options, and general information is included. Bruning. 389

JDL AutoPlotter

JDL. 387

Drafting Supplies
This 65-page catalog presents an array of brand name drafting, print, and plotter supplies at significant discounts. Products range from technical pens to drafting tables, chairs, and lamps. The booklet also features several drawing files, lettering machines, CAD reference materials, and more. Dataprint. 388

Plan Hold

American Graphtec.

384

John Wiley & Sons.
Asbestos Abatement
A description of asbestos and the recommended procedures for its removal or encapsulation are provided in this slender brochure. Included are illustrations of asbestos removal and a diagram of the decision-making process.
Asbestos Abatement Services.

Adhesive Film
These self-adhering symbols are for application to engineering drawings to make drafting faster and easier. Commonly used drafting symbols can be supplied within three days, and proofs for custom designs can be received within a week. Stanpat.

Drafting Film
This four-page brochure describes the benefits of a new drafting film. Seven film samples are included as well as a sheet listing the recommended material and practice for achieving the best results. James River Graphics.

Computer Software
The Architectural/Engineering Master Accounting System is a financial management software system that contains modules for project management and job costing, accounts receivable, accounts payable, automated invoicing, general ledger, and payroll. Data-Basics.

Ours is the new Versatec CADmate™ electrostatic plotter. It's up to six times faster than the pen plotter on the left. And umpteen times easier to load, operate and maintain.
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Database
“Search” is a database of information contained in 19 building-related magazines for architects, designers, and builders. The publication is divided into four sections: picture file, projects, persons/teams, and keywords. Search Publishing.

436

Pen Plotters
This six-page brochure describes the features and benefits of these two, low-priced, high-performance, large-format plotters. Full-color reproductions of drawings plotted on the systems are shown and specification sheets are also available. CalComp.

437

For additional information about any product or service featured, please circle the appropriate reader service number on the postage-free card at the back of the magazine.

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