DESIGN GUIDELINE 8.2

ARCHITECTURAL PREFERRED MANUFACTURERS LIST

General

This list is a compilation of products approved for use on University of Michigan projects. Where specific manufacturers or products are listed for a given building element, limit selection to the products listed. When, in your opinion, an unlisted product should be considered for inclusion in a project, consult with the Design Manager. Do not substitute this list for your professional judgment concerning appropriate products and materials.

Where specific products are not listed for a given building element (i.e. curtain walls), base the selection of manufacturers, types, styles, or models on your professional judgment. Wherever possible, select the products of at least 3 manufacturers. Avoid the use of open ended "or equal" statements.

This list is updated as needed.

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Preferred Manufacturers

Section 075316 - Chlorosulfonate-Polyethylene (CSPE) Roofing

- Carlisle SynTec Systems
- Stevens Roofing Systems, Dow Building Solutions.

Section 075323 - Ethylene-Propylene-Diene-Monomer (EPDM)

EPDM Systems:

- Carlisle SynTec Systems, Carlisle Corporation
- Firestone RubberGard EPDM Roofing Systems, Firestone Building Products Co.
- Genflex Roofing Systems, GenCorp. Polymer Products, Building Systems Div.
- Johns Manville Roofing Systems, Johns Manville Corp.
- Versiguard Roofing Systems, Versico Incorporated.

Division 8 (applies to sections 08410, 08520, 08911) - Aluminum Fluoropolymer Coatings

- PPG Industries.
- Valspar Corp.
- Akzo Nobel.

Section 084113 - Aluminum Framed Entrances and Storefronts

Entrances, Doors and Storefront Systems:

- EFCO Corp., a Pella company.
- Kawneer North America; an Alcoa company
- Oldcastle Building Envelope.
- Tubelite Company, Inc.
- Wausau Window and Wall Systems

Flush Panel FRP Doors (Doors only, not framing):

- Commercial Door Systems
- Kawneer North America; an Alcoa companyRebco, Inc.

- Special-Lite, Inc.

Section 084413 - Glazed Aluminum Curtain Wall

- EFCO, Corp.; a Pella company.
- Graham Architectural Products
- Harmon, Inc.
- Kawneer North America; an Alcoa company.
- Oldcastle Building Envelope.
- Wausau Window and Wall Systems.

Section 085113 - Aluminum Windows

Architectural Grade Windows (subject to availability of project-applicable products):

- Graham Architectural Products
- Kawneer North America; an Alcoa company.
- Wausau Window and Wall Systems.

Section 087100 - Door Hardware

Butt Hinges:

- Hager Companies
- Ives, Allegion
- McKinney Products Company
- Stanley

Continuous Geared Hinges:

- Hager Companies
- Ives, Allegion
- Pemko
- Select Products Limited

Locksets (mechanical and electrified):

- Corbin RusswinML2200

- Sargent 8200 Series
- Schlage L Series

Electric Strike:

- Von Duprin 6000 Series
- HES 1006, 9400 and 9600 Series

Small Format Interchangeable Cores (SFIC):
In existing buildings, match existing core type for ease of keying.

- Best Coremax 7 pin SFIC
- Medeco Keymark 7 pin SFIC
- Schlage Everest 7 pin SFIC

Exit Devices (mechanical and electrified):

- Sargent
- Von Duprin

Digital Locks (Standalone battery operated, not connected to campus access control system):

- Schlage only
    - Keypad type (programmable at door without additional hardware/software): CO-100-MS-70-KP
    - Keypad type type (programmable at door with additional hardware/software): CO-200-MS-70-KP
    - Mag stripe card reader (programmable at door with additional hardware/software): CO-200-MS-70-MSK

Closers: specify arm specific closers; do not specify closers with multiple arms

- LCN 4000 Series only
- Sargent 281 Series with heavy duty arm

Overhead Holders and Stops:

- Concealed heavy duty type by any BHMA member

Local Exit Alarms (not connected to fire alarm or campus access control systems):

- Detex

Flush Bolts (Automatic, Constant Latching and Manual):

- Door Controls International (DCI)
- Ives
- Rockwood

Flatgoods: Any BHMA member

Weatherstripping /Thresholds: Any BHMA member

Concealed Power Transfer:

- Securitron
- Von Duprin

Section 088000 - Glazing

Primary Glass:

- AGC Flat Glass North America
- Guardian Industries Corp.
- Pilkington North America, Inc.
- PPG Industries, Inc.

Laminated Glass:

- AGC Flat Glass North America
- Guardian Industries Corp.
- Oldcastle Glass Group.
- Viracon, Inc.

Insulating Glass Units:

- AGC Flat Glass North America
- Guardian Industries Corp.
- Oldcastle Glass Group.
- Viracon, Inc.

Fire-Rated Glazing:

- AGC Glass Company. Pyrosafe
- Nippon Electric Glass Co., Ltd. Firelite
- Pilkington Group, Pyrostop.
- Vetrotech Saint-Gobain USA.

Section 102113 - Toilet Compartments

- All American Metal Corp.
- ASI/ Global Toilet Partitions
- Bradley Corporation; Mills Partitions.
- Flush-Metal Partitions LLC.
- Hadrian Manufacturing, Inc.

Section 102800 - Toilet and Bath Accessories

- American Specialties, Inc. (ASI).
- Bobrick Washroom Equipment, Inc.
- Bradley Corp.
- Elcoma Metal Fabricating (grab bars and shower seats only).
- Gamco, a division of Bobrick Washroom Equipment (except for shower seats and counter mounted soap dispensers).
- Koala Kare Products (baby changing stations only), a division of Bobrick Washroom Equipment.

Note: Toilet paper dispensers, paper towel dispensers (roll-type), and wall mounted soap dispensers are provided by UM, but installed by the Contractor. Coordinate with Design Manager.

Section 115313 - Laboratory Chemical Fume Hoods

Chemical Fume Hoods: All types except reduced face velocity

- Air Master Systems Corp.
- BMC Laboratory Cabinets & Fume Hoods
- Hamilton Scientific
- Kewaunee Scientific Corp.
- Labconco Corp.
- Mott Manufacturing Ltd.

Chemical Fume Hoods: Reduced face velocity

- Kewaunee Scientific Corp.; Supreme Air LV
- Labconco Corp. ; Protector XStream

Base Cabinets for Fume Hoods: Refer to approved laboratory casework manufacturers list.

Section 123553 - Laboratory Casework

Metal Casework; associated distributers:

- Air Master Systems Corp.
- BMC Laboratory Cabinets & Fume Hoods,; RD Landstra Associates.
- Jamestown Metal Products; Farnell Contracting
- Kewaunee Scientific Equip. Corp.; Farnell Equipment Co.
- Laboratory Design & Supply, Inc.
- Mott Manufacturing, Ltd.; Detroit Technical Equipment Company

Flammable Storage: Produced in accordance with NFPA 30 and FM or UL labeled.

Wood Casework; associated distributers:

- Kewaunee Scientific Equip. Corp.; Farnell Equipment Co.
- Laboratory Design & Supply, Inc. (Flush overlay only; lipped overlay not available)
- Mid Canada Millwork
- Mott Manufacturing, Ltd.; Detroit Technical Equipment Company
- Conditional Approval: The following manufacturers are new to the PML and are approved for use on small projects (estimated casework cost less than $100,000):
    - CIFLab L-Line (lipped overlay) and E-line (full overlay); Stonecreek Interior Systems, LLC
    - Diversified Casework; RD Landstra Associates.

- Wood-Metal Industries; Divisions of Wood-Mode; Farnell Contracting

Epoxy Resin Tops and Sinks:

- Kemresin (Kewaunee Scientific Corp.)
- Durcon, Inc.
- Epoxyn; Epoxyn Products

Stainless Steel Sinks and Tops:

- Elkay Co.
- Just Manufacturing

Fiberglass Sinks:

- Kreolab, Inc.

Shelf Standards and Brackets:

- Cooper B-Line, Inc.
- Flex-Strut, Inc.
- Kewaunee Scientific Equip. Corp.
- Nu-Strut framing channel system, Kumar Industries, Inc.
- Unistrut Corp.

Service Fittings:

- Chicago Faucets, a Geberit Company.
- T & S Brass and Bronze Works, Inc.
- Watersaver Faucet Company
- Wolverine Brass, Inc.

Section 122000 - Window Treatment

Review specific window treatment requirements with Design Manager. Small renovation projects will typically match established building standard. New buildings and major renovations will select window treatments based on performance requirements, including solar transmission and thermal properties.

Aluminum Horizontal Blinds

- Levolor Window Fashions
- Hunter Douglas
- Springs Window Fashions; Bali

Roller Shade Hardware:

- Springs Window Fashions; Bali
- Draper Inc.; Flexshade
- OpenLight
- MechoShade Systems, Inc.
- Roll Ease, Skyline Series
- SRF Enterprises, Inc.

Shade Fabric: Tested in accordance with NFPA 701.

Section 132100 – Controlled Environment Rooms

Environmental Rooms:

- Bahnson Environmental Specialties, an EMCOR company
- Environmental Growth Chambers
- Harris Environmental Systems, Inc.
- Insulated-Structures, Ltd.
- Nor-Lake, Inc.