

Division 10 - Specialties
10100 Visual Display Products
10155 Toilet Compartments
10260 Wall and Corner Guards
10440 Interior Signage
10520 Fire Extinguishers and Cabinets

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Section: 10100 VISUAL DISPLAY PRODUCTS

PART 1 GENERAL

1.1 Design Guidelines

1. Follow ADA guidelines for installation.
2. Use manufacturer's recommendations for installation methods and adhesives.
3. Specify one 3' x 4' tack board as a minimum per classroom. Other areas to receive tack boards are offices and corridors.
4. Specify manufacturer's standard fabrics and backings for decorative tack boards.
5. Classroom marker boards shall be 4' high unless otherwise directed.
6. Dry marker board base metals not acceptable are aluminum, aluminized cold rolled steel or metal less than specified thickness.
7. Dry marker board surfaces not acceptable are low fired organic coatings, porcelain coatings less than .005" minimum thickness on writing side and .0005" on reverse side and porcelain coating on one side only.
- 8.

1.2 Performance Standards

1. Meet specification S104 of the Porcelain Institute.
2. Meet gloss test for porcelain enamels ASTM C-346-54T.
- 3.
- 4.

PART 2 PRODUCTS

2.1 System Description

1. Dry marker boards shall be porcelain enamel steel capable of supporting papers by means of magnets. The surfaces shall resist wear and damage from shock and abrasion and shall not dent, shatter or crack. The surfaces shall retain their

- original color, writing and erasing qualities and shall not become glossy or shiny in normal classroom use.
2. Tack boards shall be self-healing, pliable vinyl embossed surface laminated to ¼” thick natural cork which is laminated to ¼” thick fiberboard.
 3. Base metal for dry marker boards shall be of minimum 22 gauge.

2.2 Acceptable Manufacturers

1. Marsh
2. Claridge
3. Greensteel
4. Quartet

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Section 10155: Toilet Compartments

PART 1 GENERAL

1.1 Design Guidelines

1. Solid phenolic toilet compartments to be used in all applications.
2. Partition type: Floor mounted, overhead braced.

1.2 Performance Standards

1. Conform to ANSI A117.1, American with Disabilities Act and State of Michigan Barrier Free Design Law for provisions for the physically handicapped.

PART 2 PRODUCTS

2.3 System Description

1. Panel and Door Construction: $\frac{3}{4}$ inch thick, melamine face pressure and heat bonded to core. Edges shall be burnished and slightly rounded.
2. Pilasters: 1 inch thick, constructed same as doors and panels.
3. Pilaster Shoes: Formed stainless steel.
4. Head Rails: Heavy duty aluminum extrusion with anti-grip top edge and stainless steel wall brackets.
5. Attachments and Bolts: Stainless steel with heavy duty aluminum brackets.
6. Hinges: Stainless steel, cam operated with surface mount.
7. Strike and Keeper: Slide type latch, stainless steel door strike and keeper with rubber bumper.
8. Coat Hooks: Stainless steel with rubber bumper tip.
9. Grab Bars: Stainless steel, 1-1/2" in diameter.
10. Toilet Paper Dispensers: Katrin Systems # KT-1000.
11. Sanitary Napkin/Tampon Dispenser: Rubbermaid # RU-6140.

2.1 Acceptable Manufacturers

1. Sanymetal, Model: Academy.
2. Metpar, Model: Corinthian.
3. General Partition, Model: Series 50.
4. Capital
5. Santana

PART 1 GENERAL

1.1 Design Guidelines

1. Install corner guards at gypsum board wall construction in areas of high traffic and wear such as corridors and building lobbies.
2. Consider installing chair rails, rub strips or wainscots in high traffic areas, especially those with high cart or equipment traffic.
3. Install door and frame protection at doors in areas of high cart or equipment traffic.

1.2 Performance Standards

1. Class I flame/smoke rating per UL-723 and ASTM E84.

PART 2 PRODUCTS

2.4 System Description

1. Corner Guards: Vinyl/ acrylic type, 0.078” thick, surface or recess mounted.
2. Chair rails/ Rub strips: Vinyl/ acrylic type.
3. Door & frame protection: Vinyl/ acrylic type.

A. Section 10440: Interior Signage Draft

B. PART 1 GENERAL

1.1 Sign Types Summary

SIGN TYPE A

CONTENTS: Room number only, in tactile and Braille.
 USAGE: All rooms, spaces, and areas unless another sign has been designated.
 APPEARANCE: Brown with white lettering
 SIZE: 8” x 8”
 MESSAGE: None

SIGN TYPE B

CONTENTS: Room number in tactile and Braille, room identification in tactile and Braille
 USAGE: Rooms with permanent functions such as mechanical rooms.
 APPEARANCE: Brown with white lettering.

SIZE: 8" x 8"
MESSAGE: 5/8" font, 11 characters per line, 3 lines max.

SIGN TYPE C-1

CONTENTS: Room number only in tactile and Braille, room identification on insert.
USAGE: Rooms with semi-permanent functions such as individual offices, wall installation. (C-1A denotes installation on panel.)
APPEARANCE: Brown with white lettering.
SIZE: 8" x 8"
MESSAGE: Insert: 3/8" font, 22 character per line, 3 lines max.
OPTIONS: CC Office hours card holder

SIGN TYPE C-2

CONTENTS: Room number in tactile and Braille, room identification in tactile with more specific information as an insert.
USAGE: Rooms with semi-permanent functions such as individual offices, wall installation. (C-2A denotes installation on panel.)
APPEARANCE: Brown with white lettering.
SIZE: 8" x 8"
MESSAGE: Tactile: 5/8" font, 11 characters per line, 2 lines max.
Insert: 3/8" font, 22 characters per line, 3 lines max.
OPTIONS: CC Office hours card holder

SIGN TYPE D

CONTENTS: Room numbers in tactile and Braille, room identification in tactile.
USAGE: Rooms with semi-permanent functions such departmental offices.
APPEARANCE: Brown with white lettering.
SIZE: 8" x 8"
MESSAGE: 5/8" font, 11 characters per line, 4 lines max.

SIGN TYPE E

CONTENTS: Room number in tactile and Braille, room identification in tactile and Braille with symbol.

USAGE: Toilet Rooms

APPEARANCE: Brown with white lettering.

SIZE: 9" x 9"

MESSAGE: 1¹/₄" font, 1 line only: MEN, WOMEN, or UNISEX
Please state if Barrier Free (B.F.)

SIGN TYPE F

CONTENTS: Object identification in tactile and Braille with symbol.

USAGE: Identification of elements such as TDD Phone and Access for Hearing Loss using international symbols.

APPEARANCE: Brown with white lettering.

SIZE: (2) 8" x 8"

MESSAGE: 5/8" font, 1 line only: TDD Phone
5/8" font, 1 line only: Access for Hearing Loss
(Reminder-Directionals must be provided to indicate TDD location. See ADA Rule 4.30.)

SIGN TYPE G

CONTENTS: Room identification in tactile only.

USAGE: A larger informational sign for rooms with permanent functions such as departmental suites.

APPEARANCE: Brown with white lettering.

SIZE: 16" x 8"

MESSAGE: Tactile: 3/4" font, 20 characters per line, 5 lines max.
or 1" font, 16 characters per line, 4 lines max.

SIGN TYPE H

CONTENTS: Stair number and floor level in tactile and Braille, and exit location in tactile and Braille with arrow.

USAGE: Informational signs for stairwells.

APPEARANCE: Brown with white lettering.

SIZE: 16" x 8"

MESSAGE: 3/4" font, 18 characters per line.
5/8" font, 18 characters and arrow per line.

SIGN TYPE I

CONTENTS: Room numbers and arrow symbols in vinyl.

USAGE: Directional, indicating direction of rooms, wall mounted (I-A), or ceiling hung (I-B).

APPEARANCE: Western gray with gold center trim piece and white lettering.

SIZE: 16" x varies with message.

MESSAGE: 1" font, 10 characters (and arrow) per line, 1 line max.

SIGN TYPE J

CONTENTS: University Seal & Signature, room identification and arrow symbols in vinyl.
USAGE: Directional, indicating direction of rooms, ceiling hung.
APPEARANCE: Western gray with gold center trim piece and white lettering
SIZE: Variable, based on text.
MESSAGE: 3" font required

SIGN TYPE K

CONTENTS: Tactile and Braille with symbol.
USAGE: Varies
APPEARANCE: Brown with white lettering.
SIZE: 10" x 14"
MESSAGE: 5/8" font, 13 characters per line, 3 lines max.

SIGN TYPE L

CONTENTS: Various information such as department divisions, or specific room Information.
USAGE: Engraved signage - directories, informational, and miscellaneous applications.
APPEARANCE: Brown with white lettering.
SIZE: 8" x Varies
MESSAGE: 1/4" to 1' font, characters per line varies according to copy length and sign layout.

OPTION CC

For use on all C type signs. 3"X3" index card holder for posting office hours. (Index card not included) Please denote with CC-1 or CC-2. (CC-1A or CC-2A denotes installation o panel.)

1.2 Performance Standards

1. Americans With Disabilities Act
2. Michigan Barrier Free Code

PART 2 PRODUCTS

1.1 System Description

1. Plastic signage, wall mounted, with raised letters and braille symbols.

Section 10520: Fire Extinguishers and Cabinets
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PART 1 GENERAL

1.1 Design Guidelines

1. Fire extinguishers installed in hallways or exits shall be in cabinets. All cabinets are to be red.
2. Wall mounted extinguishers shall be positioned at 40" above the floor, and be located where visible or have directional signage. Avoid areas where they will conflict with movement of personnel or placement of equipment.
3. Surface mounted units shall not project more than 4" from the wall to comply with ADA.

1.2 Performance Standards

1. All units are to be UL rated for the type of fire area in which they are placed.
2. Extinguisher number and placement shall be in accordance with NFPA-10.

PART 2 PRODUCTS

2.5 System Description

1. Fire extinguisher cylinders:
 - a. Type: Water, carbon dioxide or dry chemical, depending on fire area classification.
 - b. Dry chemical fire extinguishers shall have steel cylinders with a flat base, heavy duty all metal valves and metal brackets. No plastic components are permitted.
2. Fire extinguisher cabinets:
 - a. Prefinished steel cabinet with flush door and glass window.
 - b. At Residence halls, provide alarm on cabinet.

2.2 Acceptable Manufacturers

1. Amrex

