

DIVISION 10 - SPECIALTIES

10100 - CHALKBOARDS, TACKBOARDS, AND MARKERBOARDS

1. Markerboards: Markerboards shall be constructed of white vitreous porcelain enamel on steel face. The face sheet shall be 28 gauge for boards up to 5 feet by 12 feet; 24 gauge for larger units and movable sliding panels. The core shall be 1/2-inch particleboard with a moisture-retardant barrier.

2. Chalkboards

2.1. Porcelain Chalkboards: Porcelain chalkboards shall be constructed of vitreous porcelain enamel on 22 gauge (.029 inch) low-carbon enameling grade steel or equivalent aluminized stretcher-leveled 24 gauge (.024 inch) steel with primer, ground coat and cover coats fused individually. Coat concealed faces with primer and ground coats. Core materials must be dimensionally stable with a minimum thickness of 7/16 inch, and backed with 28-gauge aluminum or 24-gauge coated steel sheet. Provide aluminum snap-on trim with concealed fasteners and appropriate accessories by the chalkboard manufacturer.

2.2. Natural Slate Chalkboards: Resurfaced natural black slate chalkboards are acceptable, and in some programmed areas are greatly desired. Provide resurfaced slate materials with a minimum thickness of 1/4 inch. Slate materials must be uniform in color, and free of tooling marks, pits, chipping, scratches, stains, dyes or other artificial coloring of a permanent nature. Provide milled hardwood or aluminum snap-on trim with concealed fasteners and appropriate accessories by the chalkboard manufacturer.

3. Tackboard: Tackboard shall be constructed of 1/4-inch natural cork with burlap back. It shall be laminated to 1/4-inch gypsum board, and have a Class III flame-spread rating.

4. Tackboard Strip: To post program notices, a 2-inch by 12-inch framed tackboard strip outside of classrooms shall be mounted adjacent to room signage.

5. Trim: Trim shall be constructed of extruded, anodized aluminum with concealed attachment. Trim for classroom spaces shall include a chalk tray at the sill with a cast aluminum end to prevent splashing of cleaning fluid onto walls. Install tackboard strip the full length of the markerboard or chalkboard. Wood trim may be substituted where appropriate. Boards up to 5 feet by 12 feet shall be pre-framed. Larger units shall be wall-mounted with snap-on or slip-on trim.

10150 - COMPARTMENTS AND CUBICLES

1. Compartment Types

1.1. Toilet and shower facilities that are accessible to students or the public shall have ceiling-supported or overhead-braced toilet compartments. Small screens shall be wall-supported if adequately structured.

1.2. Select corrosion-resistant materials and finishes that can withstand abuse. The finish quality of metal partition panels shall be no less than powder-coated enamel with a minimum thickness of 1.7 mil. Homogeneous high-density polycarbonate partitions may be specified where high abuse or high humidity is expected.

2. Panels and Doors: Panel and door thickness shall not be less than 1 inch. Metal partition cores shall be impregnated with water-resistant resins. Metal partition panel face sheets shall be no less than 0.032 +/- 0.002-inch galvanized steel sheet, stretcher-leveled. The sheets also shall be bonded under pressure to the core with a non-toxic adhesive.

3. Pilasters: Pilaster thickness shall be no less than 1-1/4 inches. Metal partition cores and face sheets shall be no less than that of panels.

4. Hardware

4.1. Hardware shall be stainless steel or chrome-plated brass. Specify stainless steel where abusive, humid or caustic environmental conditions are expected.

4.2. Specify gravity hinges, combination strike and keeper, slide bar latch, coat hook and bumper for each door. Hardware shall be attached with tamper-resistant screws. The latch shall allow for emergency access.

4.3. Screens shall have full height support brackets for wall anchorage.

4.4. Provide a stainless steel, wall-mounted, folding bookshelf in toilet compartments.

10425 - SIGNAGE AND GRAPHICS STANDARDS

Standardization: The university has standardized its signage and graphics systems. Refer to Appendix F - Facilities Signing and Graphic Standards.

10800 - TOILET AND BATH ACCESSORIES

1. General: Exposed materials shall be Type 304 satin finish stainless steel. Concealed material shall be galvanized or stainless steel.

2. Mirrors

2.1. Mirrors shall have tamper-resistant mounting.

2.2. Specify 1/4-inch tempered flat glass with silver coating, copper protective coating and non-metallic paint coating.

3. Toilet Paper Holders: Holders shall be of a non-restricted delivery type to accommodate toilet tissue rolls.

4. Grab Bars: Grab bars shall be stainless steel.

5. Soap Dispensers

5.1. PROHIBITED: Soap dispensers that are recessed or under the counter because they are difficult to maintain.

5.2. The contractor shall supply soap dispensers, and charge the expense to the project. The A/E shall determine locations and model numbers.

5.3. Each lavatory in public toilet rooms shall have one liquid soap dispenser.

5.4. Wall-mounted soap dispensers shall be surface-mounted, self-contained and mounted above sinks. Use corrosion-resistant valves to dispense liquid soaps, lotions and detergents.

6. Paper Towel Dispensers: The contractor shall supply surface-mounted paper towel dispensers, and charge the expense to the project. The A/E shall determine location and model numbers.

7. Sanitary Napkin Dispensers

7.1. A stainless steel, coin-operated sanitary napkin dispenser shall be provided in one or more women's public toilet rooms. Units shall dispense both napkins and tampons, and shall have a field interchangeable coin mechanism.

7.2. In the case of new construction or remodeling, the same make and model of sanitary napkin dispenser shall be specified.

8. Sanitary Napkin Disposals: A stainless steel sanitary napkin disposal unit shall be provided in each water closet compartment in all women's toilets.

9. Baby Changing Stations: Provide one baby changing station close to sinks in men's, women's and family bathrooms.

End of Division 10 - Specialties
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