

SECTION 10500

NATIONAL TOILET PARTITIONS LOCKERS

PHENOLIC LOCKERS AND BENCHES

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Solid phenolic lockers.
- B. Solid phenolic benches.

1.02 RELATED SECTIONS

- A. Documents affecting work in this section include, but are not limited to the GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS and Sections in Division 1 - GENERAL REQUIREMENTS of these Specifications.
- B. 10155 - Bathroom Partitions.
- C. 10400 - Signage for Lockers.

1.03 DESCRIPTION

A. Lockers

- 1. Curb Mounted: curb/base by others.
- 2. Block CMU Mounted: Masonry work by others.
- 3. Adjustable Leg Mounted: 4" to 6" fully adjustable, nylon mounting leg

B. Benches

- 1. Pedestal Mounted- Pedestals made of 2 inch square 1/8 inch thick wall aluminum tubing attached to 5 inch mounting flanges top and bottom. Flat black powder coated finish. The 3/4 inch thick phenolic bench top is 9 inch or 12 inch deep with radius corners and polished edges.
- 2. Wall Mounted – Bench to wall brackets made of 1/8 inch thick aluminum with mounting flanges. Flat black powder coated finish. The 3/4" thick phenolic bench top is 10 inches deep with radius corners and polished edges.

1.04 SUBMITTALS

- A. Comply with submittal procedures outlined in section 01340.
- B. Shop Drawings: Submit shop drawings indicating sizes, dimensions, thickness, trim, hardware, finishes, and installation details.
- C. Product Data: Submit manufacturer's product data for fabrication, finishing, fastenings, hardware, and installation details.
- D. Samples: Submit manufacturer's standard 4" x 4" sample for color and texture verification.

1.05 DELIVERY, STORAGE AND HANDLING

A. Deliver and store materials in the manufacturer's original protective packaging. The materials are to be received in unopened containers with labels identifying product name and manufacturer. Store all materials in an enclosed shelter providing protection from damage and exposure to the elements.

B. Handling: Protect materials from damage during handling and installation of the project.

1.06 COORDINATION

A. Field Measurements: Secure field measurements before preparation of shop drawings and fabrication where possible, for proper and adequate fabrication and installation of the work.

B. Coordination: Furnish inserts and anchorage which must be built into other construction for installation of locker and benches.

1.07 WARRANTY

A. Provide manufacturer's fifteen (15) year written warranty against defects in material, breakage, corrosion and delamination; to be replaced without charge, excluding labor.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

A. Drawings and specifications are based on lockers fabricated by National Toilet Partitions, LLC – P.O. Box 408 – Columbia, SC 29202 – Tel: (866) 820-3579 – Fax: (866) 317-2786

B. Manufacturer must have 10 years or more of experience in fabrication of phenolic materials.

2.02 MATERIALS & FABRICATION

A. General: Material shall be solid phenolic with a high pressure melamine matte finish surface made as an integral part of the core materials. Provide material which has been selected for surface flatness and smoothness. Exposed surfaces which exhibit pitting, seam marks, roller marks, stains, discolorations, telegraphing of core material or other imperfections on finished units are not acceptable. Laminated surfaces are not acceptable.

B. Doors: Shall be made from ½ thick phenolic material that is double sided. The edges shall be polished with 1/8" radius corners. Colors shall be selected from manufacturer's standard colors, by the architect.

C. Locker bodies: Shall be made using mortise and tenon construction, butt joints and screws are not acceptable. Tops, bottoms and interior shelves shall be made from 3/8 inch thick material and have a 1/4 inch thick tenon on each side. The side panels of the lockers shall be made from 5/16 inch thick material and have a corresponding mortise to receive the tops, bottoms and

shelves. The back panels shall be made from 1/4 inch thick material and be contained within the locker body by a surrounding groove.

D. Decorative end panels: Shall be 1/2 inch thick with polished edges and 1/8" radius corners.

E. Filler panels: Shall be 1/2 inch thick and attached to the locker side panel using aluminum brackets attaching to the back side of the filler panel and mounting to the side of the locker. Attaching the filler panel on its edge to the side panel of the locker is not acceptable.

F. Sloped top panels (optional): Shall be 1/4 inch thick and attached to the locker top using an aluminum bracket and channel to capture the panel.

2.03 HARDWARE

A. Hinges: Shall have five knuckles and fabricated from 304-grade stainless steel. The leaf thickness shall be 14-gauge and the hinge pin diameter a minimum of .20 inches. On doors exceeding 42" in height 3 hinges are required on all others 2 hinges are required. The hinges are to be secured to the locker bodies using theft resistant fasteners.

B. Door Connection: (Choose One)

1. The fasteners can be thru-bolted in the door.
2. The fasteners can be drilled and tapped into the phenolic material for a blind fastening.

C. Lock Selection: (Choose One)

1. Hasp Bar for padlocks, (user supplied locks) fabricated from 12-gauge, 304-grade stainless steel with a tumbled finish.
2. Key Lock with spring bolt, master keyed and keyed differently, supplied with 1 master key and 2 keys per lock.
3. Built-in-combination lock, master keyed with five combinations built into lock, supplied with master control chart and master key.
4. Coin operated deposit lock, available with a single token or coin slot, one US quarter, master keyed and keyed differently. Supplied with additional sets of removable key cores for replacement, 10 percent of job.
5. Coin operated collect lock, available with a single token or coin slot, one US quarter, master keyed and keyed differently. Coin collect box keyed alike for easy maintenance. Supplied with additional sets of removable key cores for replacement, 10 percent of job.
6. Card operated lock, (facility to supply cards) master keyed and keyed differently. Card punch machine supplied with order and additional sets of removable key cores for replacement, 10 percent of job.

D. Interior hooks: Minimum of 2 hooks provided per opening over 25 inches high. (Choose One)

1. Brushed 304-grade stainless steel.

2. Clear anodized aluminum.

E. Fasteners: Exposed fasteners shall be 304-grade stainless steel with Pin-Headed Torx® heads.

F. Identification plates shall be black plastic with white fonts engraved from back of plate leaving a smooth surface as to not collect dirt. The alphanumeric characters are to be 5/8 inch high and this numbering sequence (up to four characters) is to be supplied by architect.

G. Provide ventilation holes between locker openings for air movement between units. Provide overlay doors that permit ventilation between door and locker body. (Optional) holes to be drilled in doors for additional ventilation. The use of plastic louvers or grommets is unacceptable.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install lockers as per shop drawings on base provided by others or on a concealed adjustable base.

1. Install all required trim and closures.

2. Leave lockers clean after installation.

3.02 PROTECTION

A. The lockers and benches shall be protected from damage during delivery, handling and storage. After installation, Contractor shall keep them free of paint, plaster, cement, scratches, etc.

National Toilet Partitions, LLC. reserves the right to make changes to this specification without notice or obligation, for the express purpose to improve the product

END OF SECTION