SECTION 105123
PLASTIC LAMINATE LOCKERS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Prefabricated Architectural Woodwork Standards (AWS) Type I multiple self-supporting modular fire resistant, custom grade, plastic laminate lockers.

1.2 RELATED WORK

A. Color, pattern and texture: Refer to Room Finish Schedule indicted on the Drawings.

1.3 ACTION SUBMITTALS

A. Product Data: Manufacturer’s descriptive data of all materials and products construction, overall dimensions for installation of lockers, accessories, and trim.

B. Shop Drawings: Submit shop drawings for all items of finish work before fabrication.

C. Samples for Verification: Submit color samples of laminate specified.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: For adjusting, repairing, and replacing locker doors and latching mechanisms to include in maintenance manuals.

1.5 QUALITY ASSURANCE

A. Quality Standard Compliance Certificates: WI Certified Compliance Program certificates

B. Regulatory Requirements: Where lockers are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA) and Architectural Barriers Act (ABA) Accessibility Guidelines for Buildings and Facilities".

C. Preinstallation Conference: Conduct conference at Project site.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Do not deliver lockers until spaces to receive them are clean, dry, and ready for their installation.

1.7 COORDINATION

A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of work specified in other Sections to ensure that lockers can be supported and installed as indicated.

PART 2 - PRODUCTS

2.1 GRADES

A. Furnish furniture grade plastic laminate lockers in accordance with WS 15-Plastic Cover Casework for Custom grades.

2.2 MATERIALS

A. General: Refer to Room Finish Schedule indicted on the Drawings.

B. Locker Arrangement: Triple tier, 12 inches wide x 18inches deep x 72 inches high.

C. Locker interior:

1. Interior vertical surfaces of sides and back panel are finish with 6 mil frosty white vinyl.
2. Interior horizontal surfaces of shelves, tops and bottoms are finished with black thermal fused melamine.
3. Locker frame constructed of fire retardant core, 45(Sides=5/8″, Shelves=3/4″, Back=1/4″).
4. Frame edged with 13/16″ convex face, center barb, polyethylene vinyl t-molding with choice of colors: black, grey, white, tan or brown. (VT).
5. Locker venting through rear panel 32mm system

D. Doors, End Panels, and Sloped Tops.

1. Plastic laminate, high pressure, class II-B fire retardant, VGS-GP28, 3/4″ STD PB, UL & HPMA.
2. Radius corners for 1000 Series edges finished with 13/16″ convex face, polyethylene vinyl t-molding (VT).
3. 3/4″ thickness vertical grade fire retardant (class II-B) plastic laminate for exterior finish. Interior finished with WA1573.

2.3 HARDWARE

A. Hinges, heavy duty.

1. Black 180 degree opening 2 3/4″ exposed five knuckle (EH).

B. Locks, heavy duty:

a. Padlock hasps either recessed (RP) or surface (SP) mounted through-bolted with 3/4″ dia. zinc plated t-nuts and 10/20 x 3/4″ machine screws; case hardened and cadmium plated steel.

C. Clothes hooks, aluminum:

a. Ceiling hung double pronged.

D. Number Disc 1 1/4″ recessed, 3/8″ numerals, satin chrome.

2.4 FABRICATION

A. Lockers shall be fabricated using blunt joint, nail and screw joinery.

B. Fabricate lockers square, rigid, and without warp.

C. Machine all parts and attachment holes accurately and without chips.

D. Fabricate corners, fillers, scribes, tops as required for installation.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine walls, floors, and support bases, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Prepare written report, endorsed by Installer, listing conditions detrimental to performance of the Work.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. General: Install level, plumb, and true; shim as required, using concealed shims.

1. Anchor locker runs at ends and at intervals recommended by manufacturer, but not more than 36 inches o.c. Using concealed fasteners, install anchors through backup reinforcing plates, channels, or blocking as required to prevent metal distortion.

2. Anchor single rows of metal lockers to walls near top and bottom of lockers.

B. Equipment and Accessories: Fit exposed connections of trim, fillers, and closures accurately together to form tight, hairline joints, with concealed fasteners and splice plates.

1. Attach hooks with at least two fasteners.

2. Identification Plates: Identify metal lockers with identification indicated on Drawings.

a. Attach plates to each locker door, near top, centered.

3.3 ADJUSTING, CLEANING, AND PROTECTION

A. Clean, lubricate, and adjust hardware. Adjust doors and latches to operate easily without binding.

B. Protect lockers from damage, abuse, dust, dirt, stain, or paint. Do not permit use during construction.

C. Touch up marred finishes, or replace metal lockers that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by locker manufacturer.

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