

**SECTION 10 51 26
PLASTIC LOCKERS AND BENCHES**

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Solid plastic lockers and locker room benches.

1.2 ACTION SUBMITTALS

- A. Shop Drawings: Include overall locker dimensions, floor plan, elevations, sections, details, and attachments to other work. Include choice of options with details.

1.3 MAINTENANCE SUBMITTALS

- A. Operation and Maintenance Data.

1.4 QUALITY ASSURANCE

- A. Installers Qualifications: An experienced Installer regularly engaged in the installation of lockers for a minimum of 3 years.
- B. Source Limitations: Obtain plastic lockers and trim accessories from single manufacturer.
- C. Surface-Burning Characteristics: As determined by testing identical products according to ASTM E 84 by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
 - 1. Flame-Spread Index: 100 or less.
 - 2. Smoke-Developed Index: 450 or less.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Ship plastic lockers fully assembled.

1.6 WARRANTY

- A. Special Manufacturer's Warranty: 20 year against rust, delamination or breakage of plastic parts under normal use.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Manufacturer: Subject to compliance with requirements, provide products of Bradley Corporation, Menomonee Falls, WI 53051, (800)272-3539, fax (262)251-5817; Email info@BradleyCorp.com; Website www.bradleycorp.com.

B. MATERIALS

1. High Density Polyethylene (HDPE): 30 percent pre-consumer recycled content polyethylene thermoplastic formed under high pressure into solid plastic components.
2. Stainless-Steel Sheet: ASTM A 666, Type 304.
3. Fasteners: Tamper-Resistant Fasteners: Stainless steel torx-head screws.
 - a. Locker Connectors: No. 10-24 sex bolts.
 - b. Anchors: Type and size required for secure anchorage.
 - c. Drilled-in-place Masonry Anchors: Minimum 1/4 by 1-3/4 inch screws.

2.2 STANDARD PLASTIC LOCKERS

A. Basis-of-Design Product: **Bradley LENOXLOCKER.**

B. Locker Configuration: One Tier and Two Tier, see drawing.

C. Locker Dimensions

1. Height, Nominal: 72 inch.
2. Width: 15 inch.
3. Depth: 15 inch.

D. Material: HDPE plastic, 30 percent recycled material.

E. Sides, Tops, Bottoms, Dividers, and Shelves: 3/8 inch thick HDPE plastic with smooth finish.

F. Locker Tops: Slope top.

G. Doors: Fabricate from a single piece 1/2 inch HDPE plastic.

1. Doors and Frame: 1/2 inch thick HDPE plastic with matte texture finish with ventilation slots.
- 2.
3. Locks: Standard hasp.
4. Hinges: Continuous piano hinges, .05 inch/18 gauge thick type 304 stainless steel fabricated to wrap around edges of door and frame and attached with stainless steel tamper-resistant screws.
 - a. Finish: Powder coated to match color of locker.
5. Latch Bar: Full-height latch bar constructed of 1/2 inch HDPE plastic secured to locker with stainless steel tamper-resistant screws.

H. Color: As selected from manufacturer's full range.

I. Accessories:

1. Coat Hooks: Black polycarbonate double hook.
2. End Panels: with color and finish matching locker body.
3. Filler Panels: 1/2 inch HDPE filler panel, with color and finish matching locker body, attached with 3/8 inch thick HDPE solid plastic angle bracket.

4. Number Plate: White acrylic with black film coating, laser etched with number specified. Provide one per locker.
5. Locker Base: 1 inch solid HDPE plastic, black, 4 inch.

2.3 PEDESTAL BENCH

- A. Basis-of-Design Product: **Bradley LENOXPEDESTAL.**
- B. Pedestal Bench Dimensions
 1. Length: See drawing.
 2. Width: See drawing.
 3. Height: 18-1/2 inch.
- C. Materials:
 1. Bench Top: 1-1/2 inch thick HDPE plastic, 30 percent recycled material, with matte texture finish.
 2. Pedestal: Black anodized aluminum with welded aluminum flanges top and bottom.

2.4 LOCKER FABRICATION

- A. Fabricate locker box from a single sheet of HDPE solid plastic with corners fused together. Weld frames and shelves to box assembly. Provide all welded construction of locker parts without dovetail slots or metal fasteners. Add welded gussets in single tier full height lockers.
- B. Center Dividers: Full-depth, vertical partitions between bottom and shelf; finished to match lockers.
- C. Hardware Attachment: All hinges, handles, hasps, hooks, latch bars, and locks attached with tamper-resistant screws.
- D. Provide ventilated panels where indicated.
- E. Continuous Base: Set toe clearance 3 inch from locker front. Notch end caps for ease of installation.
- F. Continuous Sloping Tops: Fabricated in lengths indicated, without visible fasteners at splice locations; and finished to match lockers.
- G. Filler Panels: Fabricated in unequal leg angle shape; finished to match lockers.
- H. Finished End Panels: Configured to conceal fasteners and holes at exposed ends of plastic lockers.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install lockers in climate controlled environment, shielded from direct sunlight.

- B. Accessories: Fit exposed connections of trim, fillers, and closures together to form tight, hairline joints, with concealed fasteners and splice plates furnished by locker manufacturer. Install as indicated on approved shop drawings.
 - 1. Coat Hooks: Attach with at least two fasteners.
 - 2. Identification Plates: Identify plastic lockers with approved identification numbers. Attach plates to each locker door.
 - 3. Filler Panels: Attach with concealed fasteners.
 - 4. Sloping Tops: Attach sloping-tops to plastic lockers, with closures at exposed ends.
 - 5. Finished End Panels: Attach at ends indicated.

- C. Fixed Locker Benches: Provide no fewer than two pedestals for each bench, spaced as indicated. Securely fasten tops of pedestals to undersides of bench tops, and anchor bases to floor.

3.2 FINAL CLEANING

- A. Remove packaging and construction debris and legally dispose of off-site.

END OF SECTION