

Titan Solid Phenolic Lockers

Specification Section 10500

Part 1 - GENERAL INFORMATION

1.01 REFERENCE

- A. Titan Solid Phenolic Composite Lockers manufactured by Alan Lewis, Inc. 1630 East St. Gertrude Place, Santa Ana. CA 92705**
- B. Titan Solid Phenolic Locker Benches Manufactured by Alan Lewis, Inc. 1630 East St. Gertrude Place, Santa Ana. CA 92705**

1.02 DESCRIPTION

- A. Base**
 - 1. Curb Mounted: Concrete curb / tiled base by others
 - 2. Pedestal Leg Mounted: 4" to 6" Adjustable ABS Plastic leveling leg.
 - 3. Frame Mounted: 2" x 2" Square aluminum frame with fully adjustable mounting feet. Integral bench frame and phenolic top optional.
- B. Benches**
 - 1. Non Integrally Mounted**
 - a. H-Frame:** 2" x 2" Powder coated aluminum frame with adjustable leveling legs. 3/4" bench tops from 13" to 18" wide.
 - b. Enameled Steel:** 1 1/4" Tubing with 7 1/2" diameter mounting plate at top and bottom. Optional 2" x 2" powder coated aluminum available. Supports bench top 9" to 12" wide.
 - c. Anodized Aluminum:** One piece anodized aluminum I-Beam design is strong, lightweight, and impervious to rust. Moveable or fixed for bench 9" to 24" wide.
 - d. Wall Mounted:** 18gg Stainless steel shelf brackets for bench 9" to 12" wide.
 - 2. Integrally Mounted**
 - a.** Cantilevered from H-Frame with 2" x 2" powder coated supports 2" lower than H-Frame for unobstructed locker door opening.

1.03 SUBMITTALS

- A. Comply with submittals, procedures and quantities specified in Section 01340**
- B. Shop Drawings:** Submit shop drawings indicating size, dimensions, thicknesses, trim, hardware, finishes and installation details.
- C. Product Data:** Submit manufacturer's technical data for materials, fabrication, finishing, fasteners, hardware and installation details.
- D. Samples:** Submit samples of Trespa color pattern selected for verification.

1.04 DELIVERY, STORAGE AND HANDLING

- A. Deliver and store materials in the manufacturer's original protective packaging. Store materials in an enclosed shelter providing protection from damage and exposure to the elements.

1.05 COORDINATION

- A. **Field Measurements:** Secure field measurements before preparation of shop drawings where possible for proper and adequate fabrication and installation of lockers and benches.
- B. **Coordination:** Furnish inserts and anchorage to be built into other construction for installation of lockers and benches.

1.06 WARRANTY

- A. Submit executed copy of the Alan Lewis, Inc. 10-year warranty against warping or delamination of material and 2 years against workmanship signed and authorized by an authorized representative of Alan Lewis, Inc.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

- A. **Drawings and Specifications are based on lockers fabricated using Trespa Athlon solid phenolic composite panels as produced by:**

Alan Lewis, Inc.
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Santa Ana, CA 92705
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- B. **Manufacturer Qualifications:** 10 years or more experience in fabrication of solid phenolic materials.

2.02 MATERIALS

- A. Doors shall be made from 1/2" thick Trespa solid phenolic panels. Doors shall have radiused corners and polished edges. Color to be specified on drawings.
- B. Locker bodies shall be made of 3/8" thick Trespa as above. Tops, bottoms and intermediate shelves for multi tier lockers shall be 1/2" thick Trespa as above. Lockers shall be fixed together with a minimum of six 316 grade stainless steel fasteners through manufacturer's predrilled holes. No aluminum or metal profiles or reinforcements shall be permitted.

C. End panels, closure pieces and slanted tops if any shall be made from 1/2" Trespa as above.

D. Hardware:

- a.** Hinges shall be constructed of 304 stainless steel - three for full height doors and two for multi tier units. Hinges shall be held in place with a 1/4-20 stainless machine screw into the prepared door that is drilled, tapped, and reinforced with a stainless steel heli-coil.
- b.** Locking System: Choice of standard hasp, Master Lock or Zephyr built in combination lock (surface mount or recessed), Kenstan® or Medeco® key locks, Safe-O-Mat® coin return or coin retain, Safe-O-Mat® card operated lock or Digital Touchless data transfer lock.
- c.** Interior Hooks shall be gray nylon, colored throughout.
- d.** Provide stainless steel limit arm opening no more than 90 degrees
- e.** Identification plates to be black background with white fonts, surface mounted with permanent adhesive and integral with the locking mechanism. Fronts to be a minimum 5/8" high up to four alphanumeric characters. Numbering sequence provided by others.

E. Ventilation:

Provide 6 ventilation holes 3/8" at back of top and intermediate shelves and one at front of bottom shelf.

PART 3 - EXECUTION

3.01 Installation

- A.** Install lockers as per shop drawings on base provided by others or concealed 4" adjustable pedestal legs, or on an 18" high integral bench.
 - 1.** Install all required trim and closures
 - 2.** Clean lockers after installation

ALAN LEWIS, INC. RESERVES THE RIGHT TO MAKE CHANGES TO THE SPECIFICATION WITHOUT NOTICE OR OBLIGATION OR TO INCORPORATE IMPROVED MATERIALS, HARDWARE OR MANUFACTURING TECHNIQUES.

END OF SECTION