

SECTION 10 51 13

METAL LOCKERS

05/11

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

U.S. DEPARTMENT OF DEFENSE (DOD)

MIL-PRF-22750 (2011; Rev G) Coating, Epoxy, High Solids

MIL-PRF-23377 (2012; Rev K) Primer Coatings: Epoxy, High Solids

U.S. GENERAL SERVICES ADMINISTRATION (GSA)

FS AA-L-00486 (Rev J) Lockers, Clothing, Steel

1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are [for Contractor Quality Control approval.][for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government.] Submittals with an "S" are for inclusion in the Sustainability Notebook, in conformance to Section 01 33 29 SUSTAINABILITY REPORTING. Submit the following in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

SD-02 Shop Drawings

Types; G, ID

Location; G, ID

Installation

SD-03 Product Data

Material

Locking Devices

Handles; G, ID

Finish; G, ID

Locker components

Assembly instructions

SD-04 Samples

Color chips; G, ID

1.3 DELIVERY, HANDLING, AND STORAGE

Lockers must ship fully assembled. Deliver lockers and associated materials in their original packages, containers, or bundles bearing the manufacturer's name and the name of the material. Protect from weather, soil, and damage during delivery, storage, and construction.

1.4 FIELD MEASUREMENTS

To ensure proper fits, make field measurements prior to the preparation of drawings and fabrication. Verify correct rough opening size and location.

1.5 QUALITY ASSURANCE

1.5.1 Color Chips

Provide a minimum of three color chip selectors indicating all colors available.

Government may request performance-characteristic tests on assembled lockers. Tests and results must conform to FS AA-L-00486. Lockers not conforming will be rejected.

PART 2 PRODUCTS

2.1 TYPES

Locker must have the following type and size in the location and quantities indicated. Locker finish colors will be as scheduled.

2.1.1 Recessed-Mounted Cell Phone Lockers

Recessed-Mounted Cell Phone lockers must be as follows:

Type CPL-1: Cell Phone locker unit 22.75 inches wide, 5.75 inches deep, and 40.75 inches high. Each seven door high locker unit to have recessed mounting capability with , front access panel and 21 A-style doors (20 doors are usable) with master-keyed locks. Locker units to be installed side-by side in groups of two for a total of 40 usable cell phone lockers at each locker location.

2.1.2

2.2 MATERIAL

2.2.1 Heavy Duty Aluminum

commercial quality material. Prepare material surfaces for powder coated finish.

2.2.2

2.2.3 Finish

Provide a powder coated aluminum finish.

2.2.3.1 Color

Aluminum, to be selected from manufacturer's standard colors.

2.3 COMPONENTS

2.3.1 Built-In Locks

FS AA-L-00486. Provide locking devices as factory-installed built-in spring master key locks, each with three keys, with locker key wrist bands, and two master control keys for factory-installed keyed locks. .Submit Lock Control Chart showing each lock required for the project and the locker identification plate number.

2.3.2 Locker Body

Provide heavy duty aluminum specially formed for added strength and rigidity to ensure tight joints at fastening points.

2.3.3 Doors

Not less than 11 gauge .094 inch thick aluminum sheet. Doors to have a single-point latch, fabricated from stainless steel and securely fastened to the door.

2.3.3.1 Hinges

Provide built-in continuous access panel and A -style door hinges. Weld or bolt hinges to the door frame. Weld, bolt, or rivet hinges to the door.

2.3.4 Number Plates

FS AA-L-00486. Aluminum with black filled numbers. Provide consecutive numbers from 01 to 40 on each two-unit set to be installed side-by-side.

2.3.5 Fastening Devices

Provide bolts, nuts, and rivets as specified in FS AA-L-00486.

PART 3 EXECUTION

3.1 ASSEMBLY AND INSTALLATION

Assemble lockers according to the locker manufacturer's instructions. Align lockers horizontally and vertically with base of locker unit at 36" AFF. Secure lockers to wall studs and blocking, if required, with installation hardware as recommended by manufacturer. Bolt adjacent lockers together, if access panel opening will not be affected. Adjust

doors to operate freely without sticking or binding and to ensure they close tightly. Lockers must not protrude from finished wall surface more than 4" to comply with Architectural Barrier Act Protruding Object guidelines.

3.2 FIELD QUALITY CONTROL

3.2.1 Testing

Government may request performance-characteristic tests on assembled lockers in accordance with FS AA-L-00486. Lockers not conforming will be rejected.

3.2.2 Repairing

Remove and replace damaged and unacceptable portions of completed work with new.

3.2.3 Cleaning

Clean surfaces of the work, and adjacent surfaces soiled as a result of the work, in an approved manner. Remove equipment, surplus materials, and rubbish from the site.

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