

# DECOR® TRI-LOK® ECLIPSE II LOCKERS SECTION 10500 – METAL LOCKERS

## PRODUCT SPECIFICATIONS

### HIGHLIGHTS

All Models have a Double pan box Welded Door hung on a **16 Gauge One Piece Integrated right hand Hinge and Frame**. Virtually **Maintenance Free**, these lockers have no moving parts except the hinge.

GSS DECOR TRI-LOK Lockers are designed for use in Educational, Institutional, Industrial, Commercial, Mining, Sports, Golf and Government facilities.

They are available with Sloping Tops, Bases, Finished End Panels and Filler Trim.

The Aesthetics are superb. Stainless Steel Pockets, Recessed Aluminum Number Plates and a variety of Polymer Powder Finishes make the DECOR TRI-LOK the locker of choice.

GSS Lockers can be secured with padlocks, cylinder locks, built in combination locks and SAFE-O-MAT coin and card locks.

Retrofitting of all competitor lockers is also available using one of the GSS Models.

### STRONG, SILENT, SECURE

#### PRODUCT FEATURES

- For very heavy-duty applications.
- Ideal for Educational Facilities with known discipline problems.
- Doors are full double-pan box welded construction with a 16 gauge outer door panel and a full width 24 gauge inner door panel.
- A structural waffle Honeycomb core between the inner and outer door panels.
- Doors have double channels down both vertical edges.
- Bodies are 24 gauge prepainted steel.
- The locker bottom shall be manufactured from 16 gauge cold rolled steel.
- Doors are hung on a 16 gauge continuous one-piece integral right hand Hinge and Frame.
- The outer door panel can be upgraded to 14 gauge.

## PART 1: GENERAL

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### 1.1 RELATED WORK

- 1.1.1 Concrete  
Section 03300
- 1.1.2 Concrete Blockwork  
Section 04200
- 1.1.3 Gypsum Drywall  
Section 09250

### 1.2 WORK INCLUDED

- 1.2.1 **General Requirements:**  
Comply with general requirements and all documents referred to therein.
- 1.2.2 **Supply and Install:**  
Provide all labor, materials, equipment and services to supply and install lockers indicated on the drawings and/or specified herein.

### 1.3 QUALIFICATIONS

- 1.3.1 Subject to compliance with the specifications, the following lockers will be acceptable:  
**G.S.S. DECOR TRI-LOK ECLIPSE II**
- 1.3.2 Alternate manufacturers must adhere to these specifications.

### 1.4 SUBMITTALS

- 1.4.1 **Drawings:**  
Provide shop drawings clearly indicating the material being supplied and showing all gauges according to the enclosed specification.
- 1.4.2 **Installation Instructions:**  
Provide all necessary instructions where lockers are to be attached to walls.
- 1.4.3 **Sample Lockers:**  
The Architect reserves the right to request sample lockers for inspection for any alternates to specification.

## PART 2: PRODUCTS

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### 2.1 MATERIALS AND PRODUCTS

- 2.1.1 **Size:**  

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- 2.1.2 **Steel:**  
Doors and Frames - new, cold rolled steel free from imperfections.  
Bodies: Prepainted Steel - where the prime coat and second coat of paint are applied at the mill in a continuous coil coating procedure bonding the paint to the steel and producing a harder paint finish than available with post painting.

# PRODUCT SPECIFICATIONS

## 2.2 FABRICATION

### 2.2.1 Fabrication:

Fabricate the work true to dimensions, square, plumb and level. Accurately fit members with hairline joints. Secure intersecting members with appropriate fasteners.

### 2.2.2 Appearance and Performance:

Fabricate the finished work free from distortion and defects detrimental to appearances and performance.

### 2.2.3 Bodies:

Bodies shall be fabricated from 24 gauge prepainted steel. Sides to have offsets and backs flanged, formed and factory punched to provide necessary assembly holes. Tops, bottoms and shelves shall be flanged on all four sides with a formed under return at the front of the shelves. The locker **bottoms are manufactured from 16 gauge cold rolled steel.**

### 2.2.4 Frames:

Frames shall be welded together from specially formed channel sections of prime cold rolled steel. Provide two rubber door grommets on the lock side of the frame. Ventilated slots shall be incorporated into the top and bottom frame members.

### 2.2.5 Doors:

Doors shall be made with the 16 gauge outer door panel formed with channels on both sides and the top and bottom. The 24 gauge full width inner door panel shall **cover over the back of the pocket to eliminate vandalism**, be formed with channels on both sides, interlocked with the outer panel, and mig welded together at the top, bottom and both sides on the back surface edges of the door. The box welded door assembly shall be 1 $\frac{1}{8}$ " thick. For additional strength and sound deadening, a structural waffled Honeycomb core shall be secured between the inner and outer door panels with moisture resistant adhesive. Single pan outer doors with partial inner door reinforcing pans are not acceptable. The door shall close on the 16 gauge frame member with a 5/8" wide closure strike the full height of the door and shall fit flush with the outside of the frame. The door shall be hung on a **16 gauge continuous one-piece integral right hand Hinge and Frame**. Every other knuckle of the hinge shall be staked to the .125" diameter steel hinge pin so the pin cannot be removed.

### 2.2.6 Single Point Latching:

Single point latching shall be through a single piece deep-drawn stainless steel recessed pocket. The single piece 12 gauge channel formed hasp shall be welded to both legs of the 16 gauge channel frame member. Riveted hasps are not acceptable. Doors shall close on two sound- deadening rubber grommets.

### 2.2.7 Number Plates:

Aluminum number plates shall be riveted onto the heavy duty nylon door pull and numbered as directed by the Architect.

### 2.2.8 Shelf Locations:

The Single Tier locker shall have a shelf located approximately 14" below the top. The Single Tier and Double Tier locker compartments shall have 3 zinc-plated round-tipped metal coat hooks, attached to locker body. The Triple Tier shall have one double prong ceiling hook.

### 2.2.9 Trims, Slope Tops, End Panels, Bases:

All Trims, Sloping Tops, End Panels and Bases will be manufactured from **16 gauge cold rolled steel.**

### 2.2.10 Finish:

All cold rolled steel surfaces shall be pretreated with an iron phosphate corrosion inhibitor and finished with an abrasion and graffiti resistant **Polymer Powder Coating** cured to ensure a tough and durable finish. All surfaces shall meet or exceed a salt spray resistance of 300 hrs with a maximum of 1/8" creepage from scribe according to ASTM B117. Color shall be selected from the Manufacturer's standard color chart.