

## HIGH DENSITY STEEL BIKE RACK

### SECTION 129313 or 323313 BIKE RACKS

**These specifications were current at the time of publication but are subject to change at any time without notice. Please confirm the accuracy of these specifications with the manufacturer and/or distributor prior to installation.**

#### PART 1 GENERAL

##### 1.1 Summary

- A. This section includes specifications for the High-Density Steel Bike Rack
  - 1. Modular System - One bike per hanger.

##### 1.2 Quality Assurance

- A. Installer Qualifications: An experienced installer who has completed installation of bicycle racks similar in material, design, and extent to that indicated for this project and whose work has resulted in construction with a record of successful in-service performance.
- B. Manufacturer Qualifications: A firm experienced in manufacturing bicycle racks similar to those required for this project and with a record of successful in-service performance.
- C. Source Limitations: Obtain each color, finish, shape and type of bicycle rack from a single source with resources to provide components of consistent quality in appearance and physical properties.
- D. Product Options: Drawings indicate size, shape and dimensional requirements of bicycle racks and are based on the specific system indicated.

##### 1.3 Submittals

- A. Product Data: Include physical characteristics such as shape, dimensions, bicycle parking capacity and finish for each bicycle rack.
- B. Shop Drawings: Show installation details for each bicycle rack.
- C. Samples for Verification: Submit finish samples for review and verification.
- D. Maintenance Data: For each bicycle rack.
  - 1. Include recommended methods for repairing damage to the finish.

##### 1.4 Delivery, Storage and Handling

- A. Upon delivery, before signing for shipment, inspect for any damages and notate on the B.O.L.

- B. Store bicycle racks in original undamaged packages and containers until ready for installation
- C. Handle bicycle racks with sufficient care to prevent any scratches or damage to the finish.

## 1.5 Warranty

- A. Bicycle racks carry a one-year manufacturer's limited warranty against defects in materials and workmanship. The one-year warranty period begins the date the product is shipped from the manufacturer.

## PART 2 PRODUCTS

### 2.1 Acceptable Manufacturers

- A. Provide bicycle racks manufactured by Southwest Solutions Group, Inc. 2535 SR 121, Suite 110 Lewisville, TX 75056 [southwestsolutions.com](http://southwestsolutions.com) Phone 800-803-1083 [info@southwestsolutions.com](mailto:info@southwestsolutions.com)

### B. 2.2 Materials

- A. Arm is 1" x 11g square tube, 11g plate, and 1/2" steel round bar.
- B. Upright is 2" x 2" x 11g square tube.
- C. Feet are AISI C3 x 4.1 galvanized steel channel.
- D. Crossbeams are 1.25" schedule 40 galvanized pipe (1.660" OD)

### 2.3 Finishes

- A. Finish: body is black TGIC powder-coat (standard). Over 250 high quality TGIC powder-coated colors are available from Southwest Solutions Group. Hanger rod is black baked-on rubber coating, crossbars are galvanized.
  - 1. Options: a hot-dipped galvanized finish can be special ordered.
  - 2. All powder coat finishes are electrostatically applied.

### 2.4 Space Use

#### B. Space Use

- 1. Bikes will hang vertically from the High-Density Steel Bike Rack
- 2. Each High-Density Steel Bike Rack uses a range of lateral space (13" to 24" typical) and 44" of depth/bike.
- 3. Double-sided High-Density Steel Bike Rack use 88" of depth per 2 bikes.

4. Allow a minimum of 36" access aisle between occupied Ultra Space Saver Squareds.
- C. Modular System
1. The High-Density Steel Bike Rack is a modular system and can be ordered in any configuration or length.
  2. A wall mounted system can be ordered.

## **PART 3 EXECUTION**

### **3.1 Installation**

3. Floor mounted: the floor mounted High-Density Steel Bike Rack has holes in the feet through which to attach 3/8" x 3.75" wedge anchors.
4. Wall mounted: the wall mounted Ultra Space Saver Squareds have two holes through every mounting bracket. Mounting hardware is included.
5. All connections and mounting parts have pre-threaded mounting holes (except the feet). No drilling or tapping required.
6. It is the responsibility of the installer to ensure that all base materials into which the rack will be installed can support the rack and will not be damaged by any required installation procedures.

### **3.2 Ordering Information**

- A. When ordering or specifying this rack, make sure the product type, finish and fastener type (if applicable) are included. Contact your Southwest Solutions Group, Inc. representative for a current price list or to place an order.
- B. Included in the price is a black TGIC powder coat finish.

### **3.3 Freight**

- A. Call 800-803-1083 for freight quotes.