

## **GUIDE SPECIFICATIONS FOR THE MULTI-LEVEL DECKER BIKE RACK**

### **SECTION 02871**

### **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**

This section includes specifications for the multi-level decker bike rack.

Bikes parked per unit

Singlesided: 4, 8, 12

Doublesided: 8, 16, 24

##### **1.2 Quality Assurance**

**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.

**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.

**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.

**Product Options:** Drawings indicate size, shape and dimensional requirements of bicycle racks and are based on the specific system indicated.

##### **1.3 Submittals**

**Product Data:** Include physical characteristics such as shape, dimensions, bicycle, material parking capacity and finish for each bicycle rack.

**Shop Drawings:** Show installation details for each bicycle rack.

**Samples for Verification:** Submit finish samples for review and verification.

**Maintenance Data:** For each bicycle rack.

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. 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, 2353-B E. State Highway 121, Ste. 110, Lewisville, TX 75056, 1-800-803-1083  
Website: [www.southwestsolutions.com](http://www.southwestsolutions.com)

### 2.2 Materials

Uprights: 4" 12g square tube

Upright base: 1/4" plate

Crossbar: 4" 7g square tube

Cantilevers: 2" x 4" 11g tube

Cantilever base: 1/4" plate

Trays: 1/8" plate, 1/2" round bar

Installation Method. Each upright has two 1/4" plate feet that accept 3/8" wedge anchors.

### 2.3 Finishes

A. Finish: A hot-dipped galvanized finish is standard. Over 250 high quality TGIC powder-coated colors are available.

### 2.4 Dero Decker Bike Rack

A. Setbacks

Please see setback diagrams.

## **PART 3 EXECUTION**

### **3.1 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 representative for a current price list or to place an order.

### **3.2 Freight**

Call 1-800-803-1083 for freight quotes.