

SECTION 12 93 10

FLYCYCLE BIKE RACKS

MODEL SPECIFICATION <http://www.Flycycle.co>

PART 1 GENERAL

1.1 SUMMARY

- A. This section includes specifications for the Flycycle Bike Rack.
 - 1. Bikes parked per unit: 2

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 QUALITY ASSURANCE

- A. Product Data: Include physical characteristics such as shape, dimensions, bicycle, material 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. 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 FLYCYCLE INC., 3 Leonard Avenue, Cambridge, MA 02139
Email: info@flycycle.co
Website: www.flycycle.co

2.2 MATERIALS

- A. 1.5" steel pipe.
- B. Installation Methods:
(SPECIFIER NOTE: PROVIDE BASEPLATE MODEL NUMBER)
- BP1 – SURFACE MOUNT SOLO FREESTANDING BASE PLATE
 - BP1A – CAST IN PLACE SOLO FREESTANDING
 - BP2 – SURFACE MOUNT TANDEM DOUBLE BASE PLATE
 - BP3 – SURFACE MOUNT STARTER LINK BASE PLATE
 - BP4 – SURFACE MOUNT INTERIOR LINK BASE PLATE
 - BP5 – RECESSED 4X8 PAVER BASE PLATE
 - *CUSTOM BASE PLATE AVAILABLE PER PROJECT

2.3 FINISHES

- A. A hot-dipped galvanized finish performed after fabrication is standard.
- B. Over 250 high quality TGIC powder-coated colors are available from FLYCYCLE INC.
1. A TGIC powder coat finish is available.
(SPECIFIER NOTE: PROVIDE COLOR RAL# FOR POWDER COAT FINISH)
 2. For powder coated/ painted racks, the following specifications are required: Part is prepared for painting with hard sandblasting. An epoxy primer is electrostatically applied. A final TGIC, UV resistant polyester powder coat is applied. Final coating mil thickness shall be no less than 6 mils.
- C. A 304 grade stainless steel finish is also available.

2.4 FLYCYCLE BIKE RACK

A. SPACING

1. Wall Setback: For racks set parallel to the wall, a minimum of 15" should be left between the wall and the center line of rack. 18" is the recommended setback. For racks installed perpendicular to the wall, a 15" setback is the minimum distance from the front of rack. 18" is recommended.
2. Distance Between Racks: 30" is the recommended distance between racks measured at the center line. Minimum distances vary by jurisdiction.

3. Street Setback: 24" is the minimum distance between the street and the center line of the rack. 36" is recommended.
4. Solo Mounted Racks
 1. Surface Mounted
 2. Flush Mounted
 3. Recessed Mounted
5. Linked Racks
 1. Linked racks are standard Flycycle Racks attached with bolts to a linked base plate in the configurations from 3 to 9 racks.
 2. The Advantages to rail-mounted racks are:
 - A. Easier and inexpensive installation
 - B. Can be left freestanding or anchored to the ground
 - C. Can be easily removed
 4. Rail Racks are commonly used where snow removal/sweeping is an issue, or when no suitable base material is available.

PART 3 EXECUTION

3.1 INSTALLATION

D. Installation Method

1. In ground mount
2. Surface mount
3. Rail-mounted (free standing)
4. 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 Dero representative for a current price list or to place an order.
- B. Included in the price is either a hot-dipped galvanized finish, a TGIC powder coat finish, or a stainless-steel finish. The foot-mounted and Rail Flycycle Racks include 4 wedge anchors or concrete spikes.

Project Name
Project Location

FLYCYCLE
Cambridge, Massachusetts

3.3 FREIGHT

- A. Flycycle Racks can be shipped UPS. Some Rail Rack setups can also be shipped UPS. Call 1-888-337-6729 for freight quotes.

END OF SECTION