

Architectural Specifications



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 Sun Burst Bike Rack.
- Bikes parked per unit: 2.

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 parking capacity 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.
 1. Include recommended methods for repairing damage to the finish.

1.4 Delivery, Storage and Handling

- Upon delivery, before signing for shipment, inspect for any damages and notate on the Bill-of-Lading (B.O.L).
- 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.

PART 2 PRODUCTS

2.1 Acceptable Manufacturers

- Provided bike racks manufactured by the Park Catalog, 3350 NW Boca Raton Blvd., Suite B2, Boca Raton, FL 33431. Phone: 1-800-695-3503 toll free, 561-620-7878 direct, 561-620-8668 fax.

2.2 Materials

- 1.5" Schedule 40 pipe (1.90" O.D.)
- In-ground Sun Burst Bike Racks have a 1/2" x 6" steel rod welded to the bottom to ensure the rack doesn't pull out after the concrete cures.

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2.3 Finishes

- Powder Coat
 1. Ten (10) high quality powder coated colors are available.
 2. For powder coated racks the following process is followed:
 - a. Sanded down to prep it for painting
 - b. Washed/Dried to prep it for painting
 - c. Zinc primer is applied
 - d. Powder coat color is applied
 - e. UV Clear Topcoat is applied

2.4 Bike Rack

- Space Use
 1. Bikes will be locked perpendicular to the Sun Burst Bike Rack as shown in the installation diagrams. When bikes are locked to it, the Sun Burst Bike Rack will use approximately the amount of space listed in the installation diagrams.
 2. To ensure that the Sun Burst Bike Rack is convenient and safe for bicyclists, use the minimum space use configurations when installing Sun Burst Bike Rack next to a wall or street, or if installing several Sun Burst Bike Rack next to each other.
- Setbacks
 1. **Wall Setback:** For Sun Burst Bike Rack set parallel to the wall, a minimum of 24" should be left between the wall and the rack. 36" is the recommended setback. For Sun Burst Bike Rack installed perpendicular to the wall, a 24" setback is the minimum distance. 36" is recommended.
 2. **Distance between Racks:** 24" is the minimum distance between racks. 36" is recommended.

3. **Street Setback:** 24" is the minimum distance between the street and the rack. 36" is recommended.

PART 3 EXECUTION

3.1 installation

- **In-ground mount** – embedded into concrete.
- **Surface mount** - mounted to a suitable surface
- 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.
- Consult local codes for regulations.

3.2 Ordering Information

- Contact The Park Catalog representative for a current price list or to place an order.

3.3 Freight

- Call 1-800-230-1932 for freight quotes.