

SPECIFICATIONS

Bollard Warehouse 2-Way Collapsible Bollards (2630, 2636, 2436)

PART 1 GENERAL

1.1 SECTION INCLUDES

1.1.1 Collapsible bollards & base plates

1.2 PART SPECIFICATIONS

1.2.1 ASTM A500 – bollard post

2630 consists of 6" x 2" x 1/4", 30" tall steel tube

2636 consists of 6" x 2" x 1/4", 36" tall steel tube

2436 consists of 4" x 2" x 1/4", 36" tall steel tube

1.2.2 ASTM A36 – bollard base plate

2630 & 2636 consist of 12" x 12" base plate

2436 consists of 8" x 8" base plate

1.2.3 2630 & 2636 - Galvanized - 3/4" x 8" lock & hinge pins

2436 - Galvanized - 3/4" x 6" lock & hinge pins

1.3 PERFORMANCE REQUIREMENTS

1.3.1 Bollard will collapse to a 4 inch clearance allowing vehicle traffic to pass.

1.3.2 Bollard locks in upright position with stainless steel lock pin & padlock.

1.4 SUBMITTALS

1.4.1 Submittals document can be found at www.bollardwarehouse.com under "document library" or enclosed with bollard purchase. Follow manufacturer's specifications and installation instructions as required.

1.5 QUALITY

1.5.1 Bollard and base plate must be supplied by Bollard Warehouse to provide consistent quality in appearance and performance.

1.6 DELIVERY, STORAGE AND HANDLING

1.6.1 Inspect materials upon receipt ensure that the correct materials have been received and that they are in good condition.

1.6.2 If not installing immediately, store units to avoid damage from other construction activities and elements.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- 2.1.1 Bollard Warehouse, Inc., P.O. Box 298, Batavia, IL 60510, Tel 888-290-6420, Fax 888-290-6422, Website: <http://www.bollardwarehouse.com>
- 2.1.2 The Bollard Warehouse Two-Way Collapsible Bollard is available in two heights.
Architect should specify the following models by height:
 - 2630 – 4” clearance, 30” height
 - 2636 – 4” clearance, 36” height
 - 2436 – 4” clearance, 36” height

2.2 MATERIALS

- 2.2.1 Bollards supplied should be free from surface blemishes and defects where exposed to view in the finished installation.
- 2.2.2 Steel Tube: ASTM A500
- 2.2.3 Steel Plate: ASTM A36
- 2.2.4 Steel Pins: 3/4” x 8” galvanized pins or 3/4” x 6”

2.3 FABRICATION

- 2.3.1 After fabrication all units are prepared by removing scale and slag through the sand blasting process.

2.4 FINISHES

- 2.4.1 All surfaces are primed with rust & corrosion resistant, zinc rich primer w/ 5,000 hour salt spray performance.
- 2.4.2 Standard finish, TGIC Polyester outdoor finish RAL1028 Yellow. TGIC Polyester powder definition; meets decorative and functional requirements for gloss retention, physical properties, chemical resistance and weatherability.

PART 3 EXECUTION

3.1 INSTALLATION

- 3.1.1 Comply with manufacturer provided instructions and drawings.
- 3.1.2 Provide 2630, 2636 or 2436 anchor system of your choice.
- 3.1.3 Install 2630, 2636 or 2436 base true and level on your selected anchor system using the flat washers and hex nuts included in your anchor system kit.
- 3.1.4 Install 2630, 2636 or 2436 post to 2630, 2636 or 2436 base using hinge bolt, flat washer, and hex nut. Tack weld hex nut to hinge bolt so it cannot be easily removed.
- 3.1.5 Install locking pin thru up position bollard post and install padlock.

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3.1.6 If touch up painting in the field, be careful not to paint moving parts which may restrict the bollard's proper function.

3.2 SITE STORAGE AND PROTECTION

3.2.1 Upon receipt of bollard unit(s) all materials should be thoroughly inspected to ensure that all parts have been received in good condition.

3.2.2 Store units in a dry location away from possible damage until the time of installation.