

TECHNICAL SPECIFICATIONS for Model: SBC-1911-FL
SECTION 05 50 00
SLOAN FLAT TOP BOLLARD COVER – 11”

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes
 - 1. Manufactured Metal Bollards Covers/Sleeves
- B. []

1.2 RELATED SECTIONS

- A. Section 05 50 00 - Metal Fabrications.

1.3 REFERENCES

- A. ASTM International (ASTM):
 - 1. ASTM A240 - Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data:
 - 1. Mill reports are available upon request
 - 2. Storage and handling requirements and recommendations.
 - 3. Material grade will always be 304 Stainless steel, unless otherwise requested and SMS will not be liable for use of other materials if not requested.
 - 4. Shop Drawings: Include details of materials and quantities
 - 5. All information must be provided at the time of design to ensure due dates are made and no rework.

1.5 QUALITY ASSURANCE

- A. Welding: Conform with AWS D1.1 standard.
- B. Coatings: Bollard sleeves are Passivated to ensure protective layer to help prevent rust
- C. Quality checks need to be performed at time of arrival to ensure no damages are made and must be signed off before install or the warrant is voided

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
- B. Protect from damage due to weather, excessive temperature, construction operations, and harsh chemicals.
- C. Project Conditions
- D. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.7 WARRANTY

- A. Manufacturer's Standard Limited Warranty: 1 year. (see "Manufacturer Warranty" for full details)
- B. The warranty will not cover certain locations (salt/ oceanside) or if sprayed with chemicals that discolor damage or tamper with the protective coatings unless 316 Stainless steel is used.
- C. Warranty is void if abrasives are used to clean or touchup bollard sleeves

PART 2 - PRODUCTS**2.1 BOLLARD COVERS**

- A. Basis of Design: Bollard covers as manufactured by Sloan Metal Solutions, a division of Sloan Security Group.
- B. Compliance: Welding conforms with AWS D1.1 standard.
- C. Materials:
 - 1. Type 304/304L stainless steel
 - 2. Thickness 1/16" 16 gauge or .065"
 - 3. Finish: No. 4 circumferential brush finish.
 - 4. Finish: No. 4 vertical brush finish.
- D. Materials:
 - 1. Type 316/316L stainless steel.
 - 2. Thickness 1/16" 16 gauge or .065"
 - 3. Finish: No. 4 circumferential brush finish.
 - 4. Finish: No. 4 vertical brush finish.
- E. Bollard Cover Top Options
 - 1. Bollard Tops: Flat.
 - 2. Custom
- F. Bollard Tops: As scheduled and indicated on Drawings.

- G. Bollard Cover Height Options
 - 1. Bollard Cover Height: 40 inches (1016 mm).
 - 2. Bollard Cover Height: 42 inches (1067 mm).
 - 3. Bollard Cover Height: Custom

- H. Bollard Cover Inside Diameter Options
 - 1. Inner Dimensions: 11 inches (324 mm), fits up to a 10-3/4 inches (273 mm) pipe bollard.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Keep in packaging until ready to install to prevent damages

3.2 INSTALLATION

- A. Install in accordance with approved submittals and in proper relationship with adjacent construction. Protect all surfaces from concrete pour, debris, etc. during installation

3.3 CLEANING AND PROTECTION

- A. Clean products in accordance with the manufacturer's recommendations.
- B. Do not use abrasives to clean as it will remove protective layer.

NOTE: Sloan Security Group reserves the right to change these specifications at any time. Call (888) 382-8370 to ensure that you have the latest edition.