

**TECHNICAL SPECIFICATIONS for Model: SBC-1909-SL**  
**SECTION 05 50 00**  
**SLOAN FLAT TOP BOLLARD COVER - 9"**

**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. Bollard Cover Top Options
  - 1. Bollard Tops: 15° Slope
  - 2. Custom
- E. Bollard Tops: As scheduled and indicated on Drawings.
- F. Bollard Cover Height Options
  - 1. Bollard Cover Height: slope starts 40 inches (1016 mm) - 42 2/5 inches (1077 mm).
  - 2. Bollard Cover Height: slope starts 42 inches (1067 mm) - 44 2/5 inches (1128 mm).
  - 3. Bollard Cover Height: Custom
- G. Bollard Cover Inside Diameter Options
  - 1. Inner Dimensions: 8-7/8 inches (273 mm), fits up to 8-5/8 inches (219 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.