

PART 1 - GENERAL**1.1 SUMMARY**

- A. WORK INCLUDED
 - 1. Factory assembled unit with necessary mounting hardware.
 - 2. Installation and Owner's Manual
- B. RELATED WORK
 - 1. Section 11 13 13 - Dock Bumpers.
- C. REFERENCES
 - 1. Government Test Method Standard No.191A for fabric.
- D. DESCRIPTION (APPLICATION)
 - 1. Door Size - Unit shall be designed for a door opening size of ____" wide x ____" high.
 - 2. Dock Height - Loading dock height shall be ____".
 - 3. Bumper - Total dock bumper protection including any building wall offset or building wall overhang shall be ____".
 - 4. Drive Approach - Driveway approach shall be one of the following;
 - A. Level Approach in 50 feet from the dock face.
 - B. Decline Approach with grade to be _____% in 50 feet from dock face.
 - C. Incline Approach with grade to be _____% in 50 feet from dock face.
 - 5. Truck Service Range - Unit shall be designed to service vehicles ranging in height from ____' - ____" to ____' - ____".

1.2 SUBMITTALS

- A. General: Submit in accordance with Section 01 33 00.
- B. Product Data: Submit for dock seals.
- C. Submit dimensional detail.
- D. Submit specification.

1.3 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide each component of individual dock seal per particular type by same manufacturer.
- B. Manufacturer Qualifications: Company specializing in manufacturing products specified in this Section with minimum ten years' experience.
- C. Installer Qualifications: Approved in writing by manufacturer.

PART 2 - PRODUCTS**2.1 ACCEPTABLE MANUFACTURERS AND MODEL**

- 1. Series 100 Standard Dock Seal as manufactured by Chalfant Sewing Fabricators, Cleveland, OH. Contact: <http://www.ChalfantUSA.com> for project quote.

2.2 EQUIPMENT

- A. COMPONENTS: Each unit shall consist of (2) two side pads and one head pad.
- B. HEAD PAD: 12" High minimum face and back dimensions, having a length equal to the overall unit width.
 - () Optional: 18" Head pad
 - () Optional: 24" Head pad.
 - () Optional: 30" Head pad.
 - () Optional: Beveled head pad () high face and () back dimension.
 - () Optional: 12" Drop curtain with Velcro.

- C. SIDE PADS: _____" back X _____" face; length not less than the door height.
- D. PROJECTION: Overall unit projection shall be 4" to 6" beyond the face of the dock bumpers.
- E. FABRIC: The unit base fabric shall be _____.
- A. Optional: Contact wear faces fabric shall be _____.
- Wear Face
 - Guardian Face
 - 4" Exposure Guardian Pleats
 - 8" Exposure Guardian Pleats
 - 16" Exposure Guardian Pleats
- F. UNIT CONSTRUCTION: Assembled and mounted to kiln dried 2" wood. The base fabric shall enclose and wrap a polyurethane foam core, which is liquid glued to the 2" kiln dried wood in a "weather tight construction" and shall completely wrap to the kiln dried wood, that it fastens to. The sewing shall be heavy-duty polyester minimum size 138 bonded. Meets Federal Specification V-T-285. The unit shall also include 24" high yellow guide stripes.
- Optional: Full length guide stripe.
 - Optional: Guardian - Chain-Link Cladding.
 - Optional: Guardian - Unique mounting plate.
 - Optional: Guardian - Foam backing.
- G. WARRANTY: Unit shall include the manufacturers standard (1) one year warranty against defects in materials and workmanship on the remaining components.
- H. OPTIONS:
- 3" Bottom draft flaps.
 - 6" bottom draft flaps.
 - 14 gauge galvanized backing.
 - Vertical side pad fabric reinforcement (length 48" or 96" please specify)
 - Beveled side pads
 - Tapered dock seal
 - Bottom pad with two (2) bumpers

PART 3 EXECUTION

3.1 INSTALLATION

1. Install in accordance with manufacturer's instructions.
2. Caulk between the building wall and unit.