

**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 101 & 103 Curtain 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 curtain.
- B. HEAD CURTAIN: Curtain drop shall be 6" lower than the lowest trailer/ truck to be serviced and will include splits with hook and loop. The curtain length shall be equal to the overall unit width.
  - (  ) Standard: 24" High head curtain.
  - (  ) Optional: 30" High head curtain.
  - (  ) Optional: 36" High head curtain.
  - (  ) Optional: 42" High head curtain.
  - (  ) Optional: 48" High head curtain.

- 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 reinforcement (length 48" or 96" please specify)
  - Head curtain with 6", 12", 18", 24", 30", 36" foam front.
  - Series 103 with pull ropes.
  - Head curtain with weights.
  - 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.