

# Frommelt® PitMaster™ Under-leveler Seal

## Architectural Specifications

### PART 1 - GENERAL

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- 1.1 CONDITIONS SPECIFIED ELSEWHERE: Section 010000 - General Requirements.
- 1.2 SUBMIT DRAWINGS showing all dimensions (width, height, etc.).
- 1.3 SUBMIT 3 copies of manufacturer's owner's manual.
- 1.4 **WARRANTY:** Proposals submitted without the following written warranties will be considered non-responsive.
  - 1.4.1 Under-leveler seal manufacturer shall provide with his bid a written minimum 1-year parts and labor warranty, detailed specification sheet with sizes, projection, and any other information necessary for proper installation and operation of the unit.
  - 1.4.2 Optional components or parts are covered under the Standard Frommelt Warranty against defects in material or workmanship only, but are considered wear items. Wear items are not covered if they wear out through normal use. These shall include: Universal Lip Corner Seals.
  - 1.4.3 In addition to all other warranties, the manufacturer shall guarantee that the equipment will perform in a manner satisfactory to the Owner for a period of 12 months after date of installation (except for optional components not covered as itemized above). If Owner is not then satisfied with the performance of the equipment, the Owner may notify the manufacturer, and the manufacturer shall remove the equipment and refund the equipment purchase price to the Owner. This guarantee shall be provided by the manufacturer in writing at time of bid.

### PART 2 - PRODUCT

- 2.1 Under-leveler seal shall be manufactured by Frommelt (Rite-Hite) or an approved substitute.
- 2.2 Under-leveler seal shall automatically seal pit edges, adjust to leveler position, and self store.
- 2.3 Under-leveler seal shall consist of two independent sealing curtain components providing frontal coverage of leveler pit and leveler header structure.
  - 2.3.1 Sealing curtains shall be made from black, 14 oz. vinyl-coated fabric.
  - 2.3.2 Main sealing curtain component shall allow sealing curtain to respond to dock leveler movement in order to provide coverage in below dock, dock level or above-dock positions. Seal shall provide a minimum of 3" of above-dock coverage.

2.3.3 Vertical Brush Weather Seal constructed of an aluminum channel and nylon brush shall provide additional sealing for the small gap that exists at the front of the leveler. The Brush Seal mounts to the side of the toe guards and seals from the horizontal leveler weather seal down to approximately the bottom of the deck stringer.

2.3.4 Universal Lip Corner Seals constructed of Superwear™ material, shall be available to provide additional coverage of air gaps between leveler lip edge, pit edge and truck trailer rear sill. Universal Lip Corner Seals shall not interfere with below-dock end loads.

2.3.5 If leveler possesses open lip hinge, Open Lip Hinge Seal constructed of closed cell polyolefin foam shall be available to fill gaps between leveler deck and lip when lip is in pendant position.

2.4 Under-leveler seal shall be provided by manufacturer to be cut to fit at time of installation.

2.5 Under-leveler seal clearances around lip keepers shall be a maximum of 1/8”.

2.6 Under-leveler seal clearances around vehicle restraint shall be maximum of 2”.

2.7 Mounting location of all under-leveler seal components shall be determined at time of installation

2.8 Under-leveler seal mounting materials to be galvanized steel and hardware.

**PART 3 - EXECUTION**

3.1 INSTALLER shall examine the substrate and conditions under which seal(s) are to be installed and notify the A/E and Contractor in writing of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the installer.

3.2 UNDER-LEVELER SEAL MANUFACTURER’S REPRESENTATIVE shall install seal(s) in accordance with approved drawings and manufacturer’s recommendations.

3.3 AFTER INSTALLATION is completed, a representative of the manufacturer shall examine the installation and require that all adjustments necessary to assure proper operation of seal(s) has been made. Before acceptance, an inspection shall be conducted in the presence of the Owner’s representative to guarantee that the seal(s) operates properly in every respect.