

Installation

Bridges

REV 04/24

"L2" Series Strip Seal Installation Procedure



- 1. The frame rails shall be cleaned thoroughly and seal channels shall be inspected to ascertain the absence of concrete and debris. The seal channel shall also be inspected at all field splices, and all weld splatter and/or sharp edges shall be removed.
- 2. Liberally coat the strip seal lugs with lubricant-adhesive (**Delastibond™-1520**). Coat only 3 to 4 feet preceding the installation.
- 3. Collapse the strip seal into the joint opening until the bottom lug is aligned with the frame rail channel. (See Figure 1) the minimum opening (Width) for ease in installation is 2".
- 4. Push the bottom lug into the channel and using D.S. Brown's Strip Sealer installation tool, force the top lug into the top of the channel.(See Figure 2)
- 5. After the seal locks into place, push the top lip against the frame rail. (See Figure 3)
- 6. As the work progresses down the length of the joint, work both sides of the strip seal into the channel.
- 7. The L2 Strip Seal can be used in conjunction with the following D.S. Brown Steelflex® Rails: SSPA (Pictured) and SSCM. The L2 Strip Seal is also used as the sealing element for D.S. Brown Steelflex® Modular Expansion Joint Systems.

