



BUILDING TRUST



Installation Procedure

Last Updated: April 2024

Wabo®StripSeal Joint System

Armored Small Movement Expansion Joint System for Bridge & Highway Applications

A. General

The work shall consist of furnishing and installing a Wabo®StripSeal joint system in accordance with the details shown on the plans and the requirements of the specifications. The Wabo®StripSeal joint system is prefabricated.

B. Field Preparation

Proper field handling will avoid damage to the fabricated joint system while it is lifted and lowered into its final position. The joint system shall be set to line and grade, ensuring that the system's uppermost plane matches the finished roadway profile.

Before securing or casting in the joint system to the structure, the setting dimension shall be adjusted under the direction of the Field Engineer, to correspond to the dimensions as shown on the shop drawings. The adjustment is accomplished by means of shipping devices, furnished by the manufacturer, which shall accompany the expansion joint system to the job site.

Form work should be placed prior to concrete installation. Care should be taken to prevent concrete from penetrating seal cavities.

C. Field Splicing

If the system is to be installed in sections, the manufacturer will ship the joint with the appropriate ends beveled for field welding. Once the first joint section is installed and concrete has been cast, the adjacent length is field welded. Special care should be taken to the field weld details shown on the manufacturer's shop drawings.



Watson Bowman Acme
95 Pineview Drive
Amherst, NY 14228
Phone: 716-691-7566
Fax: 716-691-9239
watsonbowmanacme.com



SIKA CORPORATION
201 Polito Avenue
Lyndhurst, NJ 07071 USA
Phone: +1-800-933-7452
Fax: +1-2019336225
www.usa.sika.com

Wabo®StripSeal Joint System

Armored Small Movement Expansion Joint System for Bridge & Highway Applications

D. Final Joint Placement

Complete all bolted and welded connections to the superstructure. Properly place formwork to maintain joint opening. Leveling devices on top of the joint shall remain in their location until initial cure of concrete is achieved. Once initial cure takes place, leveling devices may be loosened until concrete fully cures.

When casting the joint system into the structure, care should be taken so that proper compaction of concrete around the system is achieved.

E. Seal Installation

The neoprene seals shall be field installed in continuous lengths spanning the entire roadway width. To ensure proper fit of the seal and increase the ease of installation, dirt, spatter or standing water shall be removed from the steel cavity using a brush, scraper or compressed air.

Apply Wabo®PrimaLub by brush to the full perimeter on the walls of the steel shape machined cavity. (Refer to sketch below.)

