



Bridge Deck Expansion Joint

PRODUCT DESCRIPTION

Bridge Deck Expansion Joint is a pre-molded expansion joint made from same coating chemistry as Bridge Preservation Bridge Deck Membrane. Bridge Preservation Expansion Joint system is designed to work directly with Bridge Deck Membrane waterproofing, creating a continuous and seamless waterproof membrane system over the entire bridge structure. Bridge Deck Expansion Joint can be applied to both concrete and steel bridge structures.

USES

Bridge Deck Expansion Joint is a superior high strength, elastomeric expansion joint system designed for both concrete and steel bridge structures.

ADVANTAGES

- Pre-molded to insure consistency
- Joint movement capability +/- 50%
- Made from the same coating chemistry as Bridge Deck Membrane
- Chemically bonds with Bridge Deck Membrane waterproofing system
- Will not degrade with time or with weathering exposure
- Made in America.

PHYSICAL PROPERTIES

| | | |
|-----------------------------|-------------|----------------|
| Shore Hardness | ASTM D 2240 | <50 D |
| Elongation | ASTM D 638 | >250% |
| Tensile Strength, psi | ASTM D 638 | >2,000 |
| Tear Strength, pli, Die C | ASTM D 624 | >390 |
| Operating Temperature Range | | -40°F to 400°F |

SURFACE PREPARATION

Prior to placement of joint

Concrete Surfaces: Provide clean sound concrete substrate. Repair spalls and other defects with approved patching material. Prepare concrete surfaces to SSPC SP13/NACE No 6. Surface Preparation of Concrete.

Metal Surfaces: Provide clean sound metal substrate. Sand blast metal to remove laitance and other contamination and provide suitable 3-5 mil blast profile. Prepare metal surfaces to SSPC-SP10 Near White Blast or better. Test prepared surfaces using Elcometer adhesion testing (ASTM D 4541).

APPLICATION

Regard Bridge Preservation specifications for Bridge Deck Membrane for detailed preparation and installation procedures.

WARRANTY

Bridge Preservation will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the Company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.