



Bridge Deck Joint Adhesive

PRODUCT DESCRIPTION

Bridge Deck Joint Adhesive is a slow setting, 100% solids, two-component polymer product. Bridge Deck Joint Adhesive is used with the Bridge Preservation Joint system to adhere both the joint flanges and seal joint overlaps. The slower setting adhesive membrane allows proper wetting and adhesion of joint materials before initial set. Bridge Deck Joint Adhesive can be applied in temperatures down to -20°F without effect on setup time or curing, and can be applied at specified thickness in one continuous application.

USES

Bridge Deck Joint Adhesive is a superior high strength elastomeric adhesive coating designed for use with the adhesion and sealing of Bridge Preservation Joint system.

ADVANTAGES

- Environmentally Friendly, 100% Solids, No VOC's.
- Cures in seconds, even in temperatures well below freezing.
- Bonds joint materials to substrate and joint overlaps.
- Made in America.

PHYSICAL PROPERTIES

Solids Content		100%
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
Gel Time		>90 Seconds
Tack Free		>2 Minutes
Initial Cure		1 Hour

PACKAGING

- One Hundred Ten Gallon Kit: 55 gallons of 'A' side and 55 gallons of 'B' side. Drum containers filled by weight, volume is closely approximate.
- Ten Gallon Kit: 5 gallons of 'A' side and 5 gallons of 'B' side.

MIXING

- Machine mix only. Use 1:1 plural component heated pump with impingement mix spray guns. Contact Bridge Preservation for further information.

SURFACE PREPARATION

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.

SHELF LIFE

One year, in original, unopened factory containers, under normal storage conditions of 55°F to 95°F.

SAFETY

Not R.C.R.A. or DOT regulated. Read Material Safety Data Sheet before using. Seal container tightly after use to prevent introduction of moisture laden air.

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.