



Bridge Deck Membrane Patch Coat

PRODUCT DESCRIPTION

Bridge Deck Membrane Patch Coat is a slow setting, 100% solids, two-component polymer product. Bridge Deck Membrane Patch Coat is used for incidental patching and touchup. The slower setting membrane allows material to be dispensed through duplex cartridges and finished by brush or trowel. Bridge Deck Membrane Patch Coat 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 Membrane Patch Coat is a superior high strength elastomeric coating designed for protection against water, salts, chemicals and other corrosive effects on bridge and elevated deck structures.

ADVANTAGES

- Environmentally Friendly, 100% Solids, No VOC's.
- Cures in minutes, even in temperatures well below freezing.
- Passes ASTM C836-00 for 1/8" crack bridging at 80 mils.
- Meets AREMA Chapter 29, Part 2 for Cold Liquid-Applied Elastomeric Membranes.
- Provides continuous seamless waterproofing membrane.
- Can be used on irregular surfaces.
- Can accept asphalt overlays within one hour.
- Can accept ballast within one hour.
- 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
Tabor Abrasion, mg. Loss (1000 gm, 1000 rev, H-18)	ASTM D 4060	>250
Moisture Vapor Transmission	ASTM E 96	<0.025 perms
Gel Time		>90 Seconds
Tack Free		>2 Minutes
Open to Light Traffic		1 Hour
Crack Bridging Test (80 Mils - 1/8" Opening @ -15°F, 25 cycles)	ASTM C 836-00	Pass

PACKAGING

- 600ML Cartridges: 300ML of 'A' side and 300ML of 'B' side in a duplex cartridges with static mixer.

MIXING

- Use 600ML manual or pneumatic duplex 1:1 caulking gun for dispensing. Material can be applied at ambient temperatures. Contact Bridge Preservation for further information.

SURFACE PREPARATION

Existing Coating: Clean surface of existing coating to remove any dirt, grease or other foreign material. Apply Bridge Deck Membrane Surface Activator liberally to coating surface using a roller or cotton rag. Apply Bridge Deck Membrane Surface Activator 12 inches beyond intended termination of Patch Coat material. Allow Bridge Deck Membrane Surface Activator to evaporate and tack before application of Patch Coat. Contact Bridge Preservation for further information.

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

Bridge Deck Membrane Patch Coat can be brushed or troweled for placement. Always provide a 6-inch overlap onto existing membrane when performing repairs.

SHELF LIFE

Six months, 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.