



PRODUCT DATA SHEET

Bridge Deck Patch Coat

PRODUCT DESCRIPTION

Bridge Deck Patch Coat is a slow setting, 100% solids, two-component polymer product. Bridge Deck 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 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 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 seconds, even in temperatures well below freezing.
- Provides a 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%
Gel Time		>90 Seconds
Tack Free		>2 Minutes
Open to Light Traffic		1 Hour
Shore Hardness	ASTM D 2240	50D
Elongation	ASTM D 638	>250%
Tensile Strength (PSI)	ASTM D 638	>2,000
Tear Strength (PLI; Die C)	ASTM D 624	>390

The value ranges stated in this Technical Data Sheet are based on system processing under laboratory conditions. Equipment configurations and/or field application conditions may produce variances in final system values.

PACKAGING

- **600ML Cartridges:** 300ML of 'A' side and 300ML of 'B' side in a duplex cartridge 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" beyond intended termination of patch coat material. Allow Surface

Activator to evaporate and tack prior to 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 and achieve a Concrete Surface Profile of at least 3 measured using ICRI CSP chips. For concrete surfaces at or below 32°F, additional preparation and/or testing may be required to ensure proper adhesion. Contact Bridge Preservation for further information.

Metal Surfaces: Provide clean, sound metal substrate. Sand blast metal to remove scaling and other contamination and provide a suitable 3-5 mil blast profile. Prepare metal surfaces to SSPC-SP10/NACE No. 2 Near White Blast Cleaning and achieve a 3-5 mil blast profile measured using a Surface Profile Gage.

APPLICATION

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

SHELF LIFE

Six months from date of shipment, in original, unopened factory containers, under normal storage conditions of 55°F to 95°F.

STORAGE

Store in a clean, dry, protected location between 55°F and 95°F. Protect from direct sunlight. Avoid freezing.

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 or replace, at its election, product it finds to be defective provided the product has been stored and 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.