



PRODUCT DATA SHEET

Bridge Deck Multi-Use Primer SLOW

PRODUCT DESCRIPTION

Bridge Deck Multi-Use Primer SLOW is a specially formulated two-component polymer product that can also be thinned with solvent for better penetration or coverage. Bridge Deck Multi-Use Primer SLOW can be used on both metal and masonry substrates. Bridge Deck Multi-Use Primer SLOW is a medium setting 1:1 mix ratio that can be mixed and applied by roller or pumped through airless spray equipment.

USES

Bridge Deck Multi-Use Primer SLOW may be used with all Bridge Preservation rapid curing sealants and spray coatings systems, and is designed for use in both interior and exterior metal coating applications.

ADVANTAGES

- Provides superior corrosion protection for steel substrates
- High strength primer for permanent bond.
- Seals concrete surfaces helping to eliminate out-gassing of membrane topcoats.
- Cures in 1-4 hours depending on temperature and weather conditions.
- Will cure to Zero (0)°F. Cure time will be extended at lower temperatures.
- Can be applied by airless spray pump, or mixed by hand and applied by roller.

PHYSICAL PROPERTIES

Solids Content	Unless Thinned	100%
Shore A Hardness	ASTM D 2240	85
Elongation	ASTM D 412	50-60%
Tensile Strength (PSI)	ASTM D 412	1,000
Working Time	Temperature Dependent	30 Minutes
Gel Time	Temperature Dependent	45 Minutes
Tack Free Time	Temperature Dependent	1-4 Hours

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

- 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.
- 10 Gallon Kit: 5 gallons of 'A' side and 5 gallons of 'B' side.
- Two Gallon Kit: 1 gallon can 'A' side and 1 gallon can 'B' side.

MIXING

- Airless Sprayer: Mix A and B components 1:1 by ratio. Product may be thinned with Acetone or MEK as needed. Mix thoroughly with mechanical mixer for 30 seconds before spraying.
- Hand Mix: Measure and mix only enough material to ensure placement of mixed material within 30 minutes. Mix thoroughly with mechanical mixer for 30 seconds before pouring to ensure complete mix of A and B components. Product may be thinned with Acetone or MEK as needed.

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 and achieve a Concrete Surface Profile of at least 3 measured using ICRI CSP chips.
- **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

Concrete Substrates:

- Install at a rate of 160 to 200 square feet per gallon depending on the porosity and surface texture of substrate.
- Allow primer to go tack free to touch prior to installing overlying membrane systems.
- Avoid applying material in thicknesses greater than 15 mils (107 square feet per gallon).
- 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 Substrates:

- Install at a rate of 400 to 600 square feet per gallon depending on blast profile of metal surface.
- Allow primer to go tack free to touch prior to installing repair.
- Avoid applying material in thickness greater than 5 mils (320 square feet per gallon). Contact Bridge Preservation for further information.

SHELF LIFE

One year 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.