



Poly-Tron Primer

Data Sheet

Product Description

The Poly-Tron primer is a unique two-component, low viscosity modified elastomeric priming agent developed for use with the Poly-Tron elastomeric concrete. The Poly-Tron primer has excellent adhesion to steel, concrete, and asphalt. The lower viscosity allows for a more user-friendly application with better wetting properties.

Mixing

Protective gloves and splash resistant glasses recommended. Stir individual components prior to mixing. Mix according to specified mixing ratio with low-speed drill for 90 seconds or until uniform color. If not using the full unit, stir the individual components prior to mixing.

Application

For best results sandblast all surfaces to receive the Poly-Tron primer. New concrete should cure 85% of designed strength prior to application. Steel surfaces should be sandblasted to SSPC-10, near-white finish, immediately before the application of the Poly-Tron primer. Apply by brush, roller, or spray at 20 millimeters thick (80 ft²/gal); avoid puddling.

Features

- Excellent adhesion to various substrates.
- Excellent thermal shock resistance.
- Excellent moisture resistance.
- Flexible and resilient.
- Resistant to freeze-thaw changes.
- Very good solvent and chemical resistance.

Packaging

Part A - 3/4 gal. (1 gallon can)

Part B - 3/4 gal. (1 gallon can)

Mixed - 1 1/2 gal

Installation

Please refer to "Poly-Tron Preparation and Installation Procedure".

Drying Time

Gel time @ 77°F (25°C) is 15-25 minutes, and the initial cure time is 2-5 hours @ 77°F (25°C). Times will vary depending on ambient temperature and aggregate temperature.

Precautions

Refer to Material Safety Data Sheet for detailed health and safety information prior to use.





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Storage

All materials should be stored indoors on a hard and dry surface between 60°F and 100°F and be kept away from moisture prior to installation. Keep from freezing.

Shelf Life

Two-year shelf life from the date of manufacture in unopened containers.

Shipping Limitations

DOT classifications: Corrosive

Appearance @ 77°F (25°C)	Part A	Part B	Mixed
Packaging	¾ Gal	¾ Gal	1.5 Gal
Color	Straw	Black	Black
Viscosity, cps	700 ± 200	8000 ± 1000	
Wt./gal., lb.	9.2 ± 0.2	9.0 ± 0.2	
Yield	120 sq. ft/ 1.5-Gal Unit		
Test Properties	Value	Test Procedure	
Percent Elongation	45 ± 10	ASTM D638	
Tensile Strength (PSI)	2100 ± 200	ASTM D638	
Tear Strength (PLI)	375 ± 25	ASTM D624	
Shore D Hardness	65 ± 5	ASTM D2240	
Bond Strength			
Wet Concrete (PSI)	500	Tex 618-J	
Dry Concrete (PSI)	300		

