



SURFACE SUPPLY

1.855.272.5349

Info@premiersurfacesupply.com

## Specifications and Product Guide

### MANUFACTURER

Premier Surface Supply LLC  
400 112<sup>th</sup> Ave N.E. Suite 400  
Bellevue, WA 98004  
Phone (855) 272-5349  
[www.premiersurfacesupply.com](http://www.premiersurfacesupply.com)

### GENERAL USES

- Concrete pavement repair
- Structural concrete repair
- Asphalt pavement repair

### PRODUCT DESCRIPTION

- Two-Part Polyester Resin Solution in Styrene

### CURED PROPERTIES

- Compressive Strength, With Aggregate
  - ½ Hour = Suitable for normal use
  - 1 Hour = 12,100 PSI, Test Load = 48,500 LBS
  - 1 Day = 13,000 PSI, Test Load = 52,300 LBS
  - 7 Days = 14,400, Test Load = 57,700 LBS
  - 28 days = 15,300, Test Load = 60,900 LBS
- Slant Shear
  - 1 Day = 2,400 PSI, Test Load = 33,900 LBS
  - 7 Days = 3,200 PSI Test Load = 44,800 LBS
- Heat Distortion
  - 110°F
- Tensile Elongation
  - Greater Than 35%
- Bond Strength
  - Exceeds Type II



SURFACE SUPPLY

1.855.272.5349

[Info@premiersurfacesupply.com](mailto:Info@premiersurfacesupply.com)

## **TESTING STANDARDS**

- ASTM C 39 - Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens.
- ASTM C 1059 - Standard Specification for Latex Agents for Bonding Fresh To Hardened Concrete.
- ASTM D 638 - Standard Test Method for Tensile Properties of Plastics.
- ASTM D 648 - Standard Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position.
- ASTM D 790 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.

## **STORAGE AND HANDLING**

- Store materials in clean, dry area in accordance with manufacturer's instructions.
- Keep containers sealed until ready for use.
- Protect from heat and direct sunlight.
- Do not store above 100°F.
- Protect materials during handling and application to prevent damage or contamination.

## **ENVIRONMENTAL REQUIREMENTS**

- **do not** apply repair material if the air or surface temperature is above 120°F
- Consult your representative before applying repair material when the air or surface temperature is below 40°F
- **do not** apply repair material when moisture is present.
- Cool temperatures, high humidity and shade or cloud cover will slow the setup time