



TECHNICAL DATA SHEET

ELASTATHANE AR POLYMER

PRODUCT DESCRIPTION

The Concrete Protector's ElastaThane AR Polymer is a 100% solids, aromatic isocyanate, single component, moisture cure binder for rubber, SBR, EPDM granules and various rock aggregates.

STANDARD COLORS: Clear
OTHER COLORS ALSO AVAILABLE: N/A
REVISION DATE: May 7, 2021

CURE SCHEDULE (75°)

POT LIFE (1.5 GAL VOLUME): N/A
TACK FREE (DRY TO TOUCH): N/A
RECOAT OR TOPCOAT: N/A
LIGHT FOOT TRAFFIC: N/A
FULL CURE: N/A

COVERAGE

Recommended for use with rubber, SRB, and EPDM granules

COVERAGE PER GALLON: N/A

MIX RATIO: 1:1 with solvent for priming/ 1:4 with rubber granules (measured in pounds)

RECOMMENDED FILM THICKNESS: N/A

PACKAGING INFORMATION: 5 gal.

PHYSICAL PROPERTIES

SPECIFIC GRAVITY: 1.07
VISCOSITY: 3000 ± 500 cps
TOTAL SOLIDS BY WEIGHT, ASTM D-2369: 100%
TOTAL SOLIDS BY VOLUME, ASTM D-2697: 100%
TEAR RESISTANCE, DIE C- ASTM D-624: 160 ± 25 pli
28.0 ± 4.8 kN/m
TENSILE STRENGTH, ASTM D-412: 2000 ± 200 psi
13.8 ± 1.4 MPa
ULTIMATE ELONGATION, ASTM D-412: 475 ± 50%

CHEMICAL RESISTANCE

N/A

LIMITATIONS

- Not UV resistant
- Once the container has been opened, care should be taken to exclude moisture.
- The most favorable temperature for storage is 25-35°C. If stored at higher temperatures, or if moisture is not excluded, an undesirable increase in viscosity will occur.
- This product contains Isocyanates.

BENEFITS

- Solvent Free
- Long Pot Life
- Single Component
- Resilient
- Cold Temperature Flexibility
- Hydrolytic Stability
- Good Freeze-Thaw Flexibility
- Excellent Binding Characteristics
- MDI Based - Does Not Contain TDI

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INSTRUCTIONS

PRIMING

- 1) Combine 1 part ElastaThane AR Polymer and 1 part solvent, mix well
- 2) Apply to surface using a $\frac{3}{8}$ " nap roller

BINDING RUBBER

- 1) Combine 1 part ElastaThane AR Polymer and 4 parts rubber granules (measured by the pound), mix well
- 2) Apply to surface using a screed box and thickness gauge or metal trowel

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