



## TECHNICAL DATA SHEETS

# ELASTATHANE UV

### PRODUCT DESCRIPTION

Sanitred's Elastathane UV is a 100% solids, single component, aliphatic binder for rubber EPDM granules where extreme UV resistance is required.

**STANDARD COLORS:** Clear

#### CURE SCHEDULE (70°)

**POT LIFE (5 GAL Volume)** Long

**TACK FREE (DRY TO TOUCH)** 20-24 hours depending on Humidity

**RECOAT OR TOPCOAT** AS Needed

**LIGHT FOOT TRAFFIC** 24-48 hours

**FULL CURE** 28 days

#### COVERAGE

Recommended for binding EPDM rubber.

**COVERAGE PER GALLON:**

Mix 1 to 1 w/approved solvent: 180- 220 square feet per gallon rolled as primer. 40' per gallon mixed with EPDM at 3/8"

**MIX RATIO:**

4 Parts EPDM rubber to 1 part binder.

**RECOMMENDED FILM THICKNESS:**

5/16"-3/8"

**PACKAGING INFORMATION:**

5 Gallon Pails, \*Special order 50 Gal Drums, 250 Gal Totes

### PHYSICAL PROPERTIES

**FLEXURAL STRENGTH:** N/A

**COMPRESSIVE STRENGTH:** N/A

**TENSILE STRENGTH:** 4000+/- 200psi @ ASTM D-412

**Weight:** 8.57 # Per Gal

**ADHESION:** N/A

**VISCOSITY:** 2900 (+/-500) cps

**ABRASION RESISTANCE:** N/A

**ULTIMATE ELONGATION:** 500-700 varies by EPDM ASTM D-412

**HARDNESS:** N/A

**VOLATILE ORGANIC CONTENT:** N/A

**SHELF LIFE:** 1 years in unopened containers

### LIMITATIONS

Surface to be coated must be clean, dry, and free from moisture. Best results when applied in temperatures over 55 degrees Fahrenheit and no freezing within 48 hours.

Has excellent UV stability and surface will not yellow in the UV. In most cases the surface of the EPDM rubber that has been mixed with Elastathane UV will wear away in 3-6 months leaving the natural color of the EPDM rubber. Elastathane UV may be used as a topcoat to bring back original luster. No color change is noticeable when mixed with Black EPDM rubber.

**WARNING :** This product contains Isocyanates.

## INSTRUCTIONS

**Primer: Mix 1:1** with an approved solvent and apply with a roller for a coverage rate of 180- 220 sq ft per mixed gallon depending on concrete texture/porosity. To achieve a lower primer cost Elastathane AR may be used instead.

### **Binding with EPDM Rubber:**

Mix 4 parts EPDM rubber to one part Elastathane UV Binder by weight.

One Gallon of Elastathane UV = 8.57 #s per gal. Mix with 34.28 pounds of EPDM Rubber. Refer to the TCP Training manual or Tech support for specific application instructions.

A test patch is recommended to assure suitability of this system with your substrate.

**SURFACE PREPARATION:** Remove any loose crumbly substrate; make sure the substrate is clean, dry, and free of any previous applied products.

Refer to the TCP Training manual and the ICRI standards for proper surface preparation.

**CLEANUP:** Tools used can be cleaned with soapy water, acetone, or xylene.

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