

31353RPX-T1/06480CMU
Two Component Red Flat High Solids Urethane, Fed. Std. 595 Color #31136
Per MIL-PRF-85285E Type I

PRODUCT DESCRIPTION

URA-ZEN is the trade name for Hentzen's two-component urethane coatings. This 2.8 VOC coating conforms to MIL-PRF-85285E Type I. It exhibits excellent chemical resistance, outstanding toughness, flexibility, abrasion resistance, and excellent outside durability.

HANDLING & STORAGE

The containers should be stored away from direct sunlight and heat. Freezing is not harmful if reheated gently to room temperature prior to use.

PHYSICAL CHARACTERISTICS

31353RPX-T1 #31136 Red Flat High Solids Urethane - Component A:

Weight per Gallon:	9.847 lbs. $\pm$.25
Weight Solids:	54.71% $\pm$ 1.0
Volume Solids:	42.19% $\pm$ 1.0
Viscosity:	55 – 60 KU's

06480CMU High Solids Ura-Zen Catalyst - Component B:

Weight per Gallon:	9.36 lbs. $\pm$.25
Weight Solids:	90.00%
Volume Solids:	87.42%

Admixed Characteristics:

Catalyzation Ratio:	3:1 by volume
Weight per Gallon:	9.45 lbs. $\pm$.25
Weight Solids:	63.47% $\pm$ 1.0
Volume Solids:	53.45% $\pm$ 1.0
VOC:	2.46 theo.
Viscosity:	20-30" @ #4 Ford
Theoretical Coverage - sq. ft./gl. @ 1.0 mil dry film thickness:	857
Useable Pot Life:	4 hours

Cure Schedule - Air Dry @ 77° & 50% Relative Humidity:

Set:	<2 hours
Dry Hard:	<8 hours
Full Cure:	3 weeks
Gloss 60°:	<5.0 @ 2.0 mils

ENVIRONMENTAL REPORT

Volatile Content (Wt.%):	36.52
Organic Volatile Content (Wt.%):	21.20
Exempt Solvent (Wt.%):	15.31
Exempt Solvent (Vol.%):	18.61
VOC Minus Water:	<2.80

DIRECTIONS FOR USE

Component A should be thoroughly agitated prior to blending. After agitating Component A, mix 3 volumes of Component A to 1 volume of Component B and mix well. The material is now ready to use. Mix only what you will use in 4 hours. After that time, the product will start to rise in viscosity and eventually gel.

Product can be reduced if necessary with ketones such as Methyl Amyl Ketone or Methyl IsoButyl Ketone. One volume part of solvent to the admixed 4 volumes will yield a VOC of under 3.50. The mix ratio will then be 3:1:1 of Component A, Component B, and the ketone solvent.

PRECAUTIONS & SAFETY

- Do not spray without adequate ventilation.
- Read all container labels.
- Read Material Safety Data Sheet.

CLEAN-UP

Clean equipment immediately after use with 00053SST-1 or equivalent urethane reducer or solvent.

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