

35500APX
Two Component 36375 Gray Urethane,
MIL-PRF-85285E Type IV Class H, Part A

PRODUCT DESCRIPTION

This is a two component, 420 g/l, Advanced Performance Coating (APC) developed as a topcoat that meets the performance requirements of MIL-PRF-85285E, Type IV, Class H and MIL-PRF-32239. It exhibits outstanding chemical resistance, toughness, flexibility, abrasion resistance, and excellent weather resistance.

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 CHARACTERISTICS35500APX 36375 Gray Urethane - Component A:

Weight per Gallon:	9.57 lbs. ± 0.30
Weight Solids:	49.85% ± 1.0
Volume Solids:	36.25% ± 1.0
Viscosity:	53-63 KUS

35502CMU Curing Agent For Flat APC - Component B:

Weight per Gallon:	8.43 lbs. ± 0.25
Weight Solids:	60.50%±1.0
Volume Solids:	53.62%±1.0

Admixed Characteristics:

Catalyzation Ratio:	3:1 by volume
Weight per Gallon:	9.29 lbs. ± 0.30
Weight Solids:	52.26% ± 1.0
Volume Solids:	40.59% ± 1.0
VOC:	3.32 theo.
Viscosity:	15-30" @ #4 Ford
Theoretical Coverage - sq. ft./gl. @ 1.0 mil dry film thickness:	651.0
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 @ 2.0 mils
Gloss 85:	<9@2.0 mils

ENVIRONMENTAL REPORT

Volatile Content (Wt.%):	47.74
Organic Volatile Content (Wt.%):	25.38
Exempt Solvent (Wt.%):	22.36
Exempt Solvent (Vol.%):	28.93
VOC Minus Water(lbs/gal):	<3.50

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.

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.

October 12, 2017