



Product Data Sheet

PRODUCT DESCRIPTION

FC7530 is a high tensile, two-component, fast-cure, elastomeric aliphatic urethane topcoat, designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces. FC7530 is designed for applications where fast turnaround time and/or solvent free materials are a requirement.

PRODUCT NUMBERS AND COLORS

Standard colors are: FC7530 Gray
FC7963 Amber

CURED RESIN PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D412	4,000 psi
Elongation	ASTM D412	350%
Permanent Set	ASTM D412	<20%
Tear Resistance	ASTM D1004	400 pli
Water Resistance	ASTM D471	1% @ 7 days
MVT @ 20 mils	ASTM E96	2.7 English
Taber Abrasion	ASTM D4060	10 mg/1000cs17
Shore A	ASTM D2240	92-96
Adhesion to: 7760/7761, 7780/7781, 70714/70715 and FC7510/FC7961	ASTM D4541	>400 psi

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

PRODUCT DATA

Description	Test Method	Results
Mix Ratio (vol)		85:15 with FC7963
Weight/Gal (mixed)	ASTM D1475	9.1 lbs/gal
Weight Solids (mixed)	ASTM C1250	98% @ 12 hours
Volume Solids (mixed)	Calculated	97%
VOC (mixed)	EPA Method 24	37 g/L

Description	Test Method	Results
Viscosity (mixed)	ASTM D2196	2,500 cps
Flash Point (FC7530)	ASTM D3278	205°F
Flash Point (FC7963)	ASTM D3278	205°F
Pot Life @ 75°F, 50% RH		75 minutes
Cure to Recoat @ 75°F, 50% RH		5 to 6 hours
Recoat Window (w/o the use of Rebond Primer)		12 hours maximum after application

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

MIXING

Mix FC7530 topcoat 85:15 by volume with FC7963 urethane hardener which is amber in color. Proper mixing of the 2 component materials is required for successful projects. The recommendations are as follows:

1. Mix the color side (5 gal. pail) first for 3-5 minutes. This is important for proper pigment dispersion.
2. Add urethane hardener (1 gal. can) and mix for 5 minutes or more with a variable speed drill utilizing a jiffy mixer to attain a uniform color.
3. When placing coating, do not turn empty bucket upside down or scrape sides to capture remaining coating. This material is not fully mixed and will result in uncured spots within the coating.

STORAGE

Containers of urethane coating should be stored in a cool (70°F) area to insure long shelf life. To prevent container rupture due to very high temperature, keep away from heat and/or open flames.

HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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