

# FC7520/FC7962

## 2K Aromatic-Aliphatic Urethane Topcoat



### Product Data Sheet

#### PRODUCT DESCRIPTION

FC7520/FC7962 is a high tensile, two-component, fast-cure, elastomeric aromatic-aliphatic urethane topcoat, designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces. FC7520/FC7962 is designed for applications where fast turnaround time and/or solvent free materials are a requirement.

FC7520/FC7962 is Sealant • Waterproofing & Restoration Institute (SWRI) validated.

#### PRODUCT NUMBERS AND COLORS

Standard colors are: FC7520 Gray  
FC7962 Amber

#### CURED RESIN PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D412	5,000 psi
Elongation	ASTM D412	350%
Permanent Set	ASTM D412	<20%
Tear Resistance	ASTM D1004	400 pli
Water Resistance	ASTM D471	3% @ 7 days
MVT @ 20 mils	ASTM E96	1.5 English Perm
Taber Abrasion	ASTM D4060	20 mg/1,000 cs17
Shore A	ASTM D2240	88-94
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 FC7962
Weight/Gal (mixed)	ASTM D1475	9.2 lbs/gal
Weight Solids (mixed)	ASTM C1250	92% @ 12 hours
Volume Solids (mixed)	Calculated	95%

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Description	Test Method	Results
VOC (mixed)	EPA Method 24	<95 g/L
Viscosity (mixed)	ASTM D2196	2,400 cps
Flash Point (FC7520)	ASTM D3278	205°F
Flash Point (FC7962)	ASTM D3278	205°F
Pot Life @ 75°F, 50% RH		75 minutes
Cure to Recoat @ 75°F, 50% RH		4 to 5 hours
Recoat Window (w/o the use of Rebond Primer)		3 days maximum after application

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

#### MIXING

Mix FC7520 topcoat 85:15 by volume with FC7962 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.

**SEALANT • WATERPROOFING & RESTORATION INSTITUTE**

**Issued to: Neogard, a division of the Jones-Blair Company**  
**Product: FC7500/FC7960 Base Coat & FC7520/FC7962 Top Coat**

**ASTM D 412:** Tensile Strength of Top Coat FC7520/FC7962 Top Coat  
Tensile Strength: 4,720 psi; Elongation: 360% Pass ✓

**ASTM D 4541:** Adhesion of Base Coat FC7500/FC7960 Basecoat  
Pull-off Adhesion: 400 psi Pass ✓

**ASTM D 4060:** Abrasion Resistance of Top Coat FC7520/FC7962 Top Coat  
Abrasion Resistance: 15 mgms loss - mgms loss/1,000 cycles Pass ✓

**Validation Date:** 2/21/08-2/20/13

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**DECK COATING VALIDATION**  
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