



Product Data Sheet

PRODUCT DESCRIPTION

FC7500/FC7960 is a two-component fast-cure polyurethane base coat designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces. FC7500/FC7960 is designed for applications where fast turnaround time and/or solvent free materials are a requirement.

FC7500/FC7960 is Sealant • Waterproofing & Restoration Institute (SWRI) validated.

PRODUCT NUMBERS AND COLORS

Standard colors are: FC7500 Gray
FC7960 Amber

CURED RESIN PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D412	1,500 psi
Elongation	ASTM D412	500%
Permanent Set	ASTM D412	<20%
Tear Resistance	ASTM D1004	150 pli
Water Resistance	ASTM D471	1% @ 7 days
MVT @ 20 mils	ASTM E96	5 English
Shore A	ASTM D2240	74-79
Adhesion to: 70714/70715 7760/7761 7780/7781 Inter-coat	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
Weight/Gal (mixed)	ASTM D1475	9.7 lbs/gal
Weight Solids (mixed)	ASTM C1250	99% @ 12 hours
Volume Solids (mixed)	Calculated	99%
VOC (mixed)	EPA Method 24	<5 g/L

Description	Test Method	Results
Viscosity (mixed)	ASTM D2196	2,000 cps
Flash Point	ASTM D3278	250+°F
Pot Life		20 to 30 minutes
Shelf Life @ 70°F		1 year
Cure Time @ 75°F, 50% Relative Humidity	TT-S-00230A	3 to 4 hours

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

MIXING

Mix FC7500 base coat 9:1 by volume with FC7960 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.
4. Do not leave exposed to UV for more than 5 days. If exposed, more than 5 days, contact NEOGARD® Technical Services for instructions.

STORAGE

Containers of polyurethane 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 & FC7510/FC7961 Top Coat

ASTM D 412: Tensile Strength of Top Coat FC7510/FC7961 Top Coat
 Tensile Strength: 2,100 psi; Elongation: 95% Pass ✓

ASTM D 4541: Adhesion of Base Coat FC7500/FC7960 Base Coat
 Pull-off Adhesion: <1,300 psi Pass ✓

ASTM D 4060: Abrasion Resistance of Top Coat FC7510/FC7961 Top Coat
 Abrasion Resistance: 75 mgms loss - mgms loss/1,000 cycles Pass ✓

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