



by



PRODUCT DESCRIPTION

NEOCRETE® SL (70800/70801/70804) is a water-dispersed polyurethane resin combined with powder for use as a resurfacing system. Formulated to provide excellent resistance to abrasion, impact and chemical attack. Provides excellent performance against thermal shock stresses such as hot water and daily steam cleaning. Highly resistant to acids, caustics, fuels, oils, and solvents. Meets U.S.D.A. requirements for incidental food contact. Available in small and large kits.

PRODUCT NUMBERS AND COLORS

Product Number	Color	Packaging (can volume and fill)
70800-02	Gray	Small Kit: 1-gal can, 90 fl oz Large Kit: 2-gal can, 186 fl oz
70800-05	Red	
70800-031	Desert	
70801	N/A	Small Kit: Two 1-qt cans, 63 fl oz Large Kit: 1-gal can, 126 fl oz
70804	N/A	Small Kit: 26.5-lb bag Large Kit: 53-lb bag

CURED RESIN PERFORMANCE

Description	Test Method	Results
Compressive Strength	ASTM C579	7,700 psi
Tensile Strength	ASTM C307	712 psi
Flexural Strength	ASTM C580	2,200 psi
Modulus of Elasticity	ASTM C580	446,700 psi
Shore D Hardness	ASTM D2240	84
Adhesion (concrete)	ASTM D4541	400 psi
Water Resistance	ASTM C413	0.42%
Density	ASTM C905-01	121 lbs/ft ³
Coefficient of Thermal Expansion	ASTM C531	2.4 x 10 ⁻⁵ in/in/°F
Resistance to Fungal Growth	ASTM G21	No Support of Growth
Flammability	ASTM D635	Pass

The above tested results are typical values. Individual lots may vary up to 10% from the typical value. Further technical information can be found at www.neogard.com.

PRODUCT DATA

Description	Test Method	Results
Weight Solids (mixed)	ASTM D5201	99.95%
Volume Solids (mixed)	ASTM D5201	99.93%
Flash Point	ASTM D3278	None

Description	Test Method	Results
VOC (mixed)	ASTM D5201	8.4 g/L
Shelf Life		1 year
Typical Thickness		1/8"
Mixed Unit Coverage @ 1/8"		30 square feet
Usable Pot Life @ 70°F (21°C)		15 minutes
Initial Join Up Time @ 70°F (21°C) per 1/4"		20 minutes
Cure to Foot Traffic @ 70°F (21°C) per 1/4"		4–8 hours
Cure to Full Use @ 70°F (21°C) per 1/4"		10–16 hours
Application Temperature Range		34°F (1°C) to 90°F (32°C)
Temperature Range		-120°F (-84°C) to 210°F (99°C)

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MIXING

Read product labels and application instructions prior to use.

- Small Kit: Mix 90 fluid ounces of 70800 (one 1-gallon can) with 63 fluid ounces of 70801 (two 1-quart cans) and one 26.5-pound bag of 70804 powder.
- Large Kit: Mix 186 fluid ounces of 70800 (one 2-gallon can) with 126 fluid ounces of 70801 (one 1-gallon can) and one 53-pound bag of 70804 powder.

Mix with a variable speed drill utilizing a Jiffy Mixer to suspend any settled pigment and attain a uniform color. Time will vary depending on temperature conditions.

APPLICATION

NEOCRETE® SL (70800/70801/70804) can be applied to the following substrates: concrete, polymer reinforced screeds, properly supported wood floors, etc.

It is applied with a gauge rake or notched squeegee in a one-step system and requires no primers or sealers. To be assured of maximum adhesion, correct surface preparation is essential.

Regular cleaning of applied surface is recommended in order to maintain slip resistance and aesthetics.

For surface preparation and application instructions, refer to the NEOGARD® Flooring Application Manual for specific applications.

HEALTH AND SAFETY

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