

AL-KOAT<sup>MR</sup>

by



IMPERMEABILIZANTES

### PRODUCT DESCRIPTION

NEOCRETE Trowel (70800/70801/70802) is a heavy duty 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.

### PRODUCT COLORS AND PACKAGING

Product Number	Color	Packaging
70800-02	Gray	1-gallon can
70800-05	Red	1-gallon can
70800-031	Desert	1-gallon can
70801	N/A	1-quart can
70802	N/A	50-lb bag

### CURED RESIN PERFORMANCE

Description	Test Method	Results
Compressive Strength	ASTM C579	6,800 psi
Tensile Strength	ASTM C307	850 psi
Flexural Strength	ASTM C580	1,800 psi
Modulus of Elasticity	ASTM C580	167,000 psi
Shore D Hardness	ASTM D2240	80
Adhesion (concrete)	ASTM D4541	400 psi
Water Resistance	ASTM C413	0.5%
Density	ASTM C905-01	132 lbs/ft <sup>3</sup>
Coefficient of Thermal Expansion	ASTM C531	1.09 x 10 <sup>-6</sup> 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](http://www.neogard.com).

### PRODUCT DATA

Description	Test Method	Results
Weight Solids (mixed)	ASTM D5201	99.97%
Volume Solids (mixed)	ASTM D5201	99.94%
Flash Point	ASTM D3278	None
VOC (mixed)	ASTM D5201	8.4 g/L
Shelf Life		1 year
Typical Thickness		1/4"

Description	Test Method	Results
Mixed Unit Coverage @ 1/4"		22 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 to 8 hours
Cure to Full Use @ 70°F (21°C) per 1/4"		10 to 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. Mix 90 fluid ounces of 70800 (one 1-gallon can) with 63 fluid ounces of 70801 (two 1-quart cans) and one bag of 70802 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 Trowel 70800/70801/70802 can be applied to the following substrates: concrete, polymer reinforced screeds and properly supported wood floors.

It is steel troweled 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 NEOGARD® Flooring Systems 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.