



Product Data Sheet

PRODUCT DESCRIPTION

70410 series is a single-component, moisture-cured aromatic urethane, designed for use as a waterproofing membrane base coat for pedestrian and vehicular traffic bearing surfaces.

SYSTEM DESIGN

This product is a component of NEOGARD® Auto-Gard and Peda-Gard traffic bearing waterproofing systems covered more thoroughly in NEOGARD® Guide Specifications.

USES

- Parking Garages
- Stadiums
- Balconies
- Plaza Decks
- Pedestrian Walkways
- Rooftop Recreational Areas

LIMITATIONS

- Not recommended for constant immersion
- For on-grade applications, substrates constructed over unvented metal decks or between-slab applications, contact the NEOGARD® Technical Service Department
- Not compatible with asphaltic compounds
- Do not apply when substrate temperature is greater than 110°F (32°C) or below 40°F (4°C)
- Not intended for use as topcoat
- Use with adequate ventilation

PRODUCT NUMBERS, COLORS AND PACKAGING

Standard colors: 70410 Gray

Packaging: 5 gallon

55 gallon

APPLICATION INSTRUCTIONS

NEOGARD® products are to be installed in accordance with instructions in the NEOGARD® Waterproofing Application Manual.

MIXING AND THINNING

Read product labels and application instructions prior to use. 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. NEOGARD® products are formulated to be installed as manufactured, without thinning. However, if thinning is required, do not thin material more than 10%. See compatible thinners and additional mixing instructions

in the NEOGARD® Waterproofing Systems Application Manual or contact NEOGARD Technical Service at techservice@neogard.com.

CURED PROPERTIES

Description	Test Method	Results
Tensile Strength	ASTM D412	1,200 psi
Elongation	ASTM D412	400%
Permanent Set	ASTM D412	<10%
Tear Resistance	ASTM D1004	100 pli
Water Resistance	ASTM D471	<3%
MVT @ 20 mils	ASTM E96	2.6 English Perm
Taber Abrasion	ASTM D4060	30 mg/1,000 cs17
Shore A	ASTM D2240	70 - 75
Adhesion	ASTM D4541	300 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	ASTM D1475	10.7 lbs/gal
Weight Solids	ASTM D4209	84%
Volume Solids	Calculated	75%
VOC	EPA Method 24	190 g/L
Viscosity	ASTM D562	87 KU
Flash Point	ASTM D3278	102°F
Fire Resistance (Spread of Flame Test)	ASTM E108/UL 790	Class "A" as part of a system

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ADDITIVES

The following products may be used with 70410. See further information at www.neogard.com or contact NEOGARD® Technical Service Department at techservice@neogard.com.

Product No.	Description	Use
7986	Odor Mask	Synthetic vanilla used to mask less pleasant odors
7987	Odor Mask	Orange scent used to mask less pleasant odors
7922	Vertical Additive	Enhances sag resistance
7923	Accelerator	Standard accelerator for single component urethanes
7925	Fast Set Additive	Fast setting accelerator for single component urethanes
7931	Fast Accelerator	Accelerator for use in low-humidity applications

STORAGE AND HANDLING

Containers of urethane coating should be stored in a cool (75°F) area to ensure full shelf life. Keep container closed. Keep away from sources of ignition. To prevent container rupture due to very high temperature, keep away from heat and/or open flames.

CLEAN UP

Clean tools and equipment with aromatic solvents such as Xylene, Toluene, MEK or 7055 Odorless Reducer.

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.

CREDENTIALS



Manufacturer warrants that the physical properties of the product reported above will meet the standards and deviations of the associated ASTM test method. **MANUFACTURER HEREBY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY AND/OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.** Buyer must make its own determination of the suitability of any product for its use, whether such product is used alone or in combination with other materials. **To the extent this or any of Manufacturer's products is proven to be defective, Buyer's sole remedy shall be limited to the replacement of such defective product, exclusive of any costs of labor. MANUFACTURER SHALL NOT BE LIABLE OR OBLIGATED FOR ANY LOSS OR CONSEQUENTIAL OR OTHER DAMAGE INCURRED DIRECTLY OR INDIRECTLY BY BUYER OR ANY OTHER PERSON OR ENTITY THAT ARISES IN ANY WAY IN RELATION TO THIS OR ANY OF MANUFACTURER'S OTHER PRODUCTS.** Nothing contained herein shall be construed to constitute inducement or recommendation to practice any invention covered by any patent without authority of the owner of the patent. No Applicator is or should be viewed as an employee or agent of Manufacturer. 70410 01272015

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