



Product Data Sheet

PRODUCT DESCRIPTION

70405 polyurethane coating is a single component moisture-cured, aromatic polyurethane designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces.

PRODUCT NUMBER AND COLOR

Standard color is: 70405 Gray

CURED FILM PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D412	900 psi
Elongation	ASTM D412	550%
Permanent Set	ASTM D412	15%
Water Resistance	ASTM D471	<4%
Tear Resistance	ASTM D1004	100 pli
MVT @ 20 Mils	ASTM E96	2.5 Perm
Shore A	ASTM D2240	53 - 59
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	10.61 lbs/gal
Weight Solids	ASTM D4209	84.2%
Volume Solids	Calculated	74.1%
VOC	EPA Method 24	210 g/l
Viscosity	ASTM D562	95 KU
Flash Point	ASTM D3278	102

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

APPLICATIONS

70405 polyurethane coating is designed for use as a surface applied waterproofing membrane on a variety of prepared substrates.

- Parking Decks
- Mechanical equipment room floors
- Walking decks
- Balconies
- Rooftop recreational areas
- Sun decks
- Lab flooring (Heavy-Duty)
- Clean rooms (Heavy-Duty)
- Animal holding areas (Heavy-Duty)

MIXING

Read container labels, MSDS and application instructions prior to mixing. Mix 5 gallon pails and 55 gallon drums 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.

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.

Manufacturer warrants that the standards and qualities of the product described herein will not vary by more than 10% from the tested results set forth above. **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. 11042010/70405PD.indd

NEOGARD Div. of JONES-BLAIR

2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com