



PRODUCT DESCRIPTION

FC7500/FC7960 (Hempel 45067/95077) is a two-component, fast-cure polyurethane base coat, designed for use as a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces, where fast turnaround time and/or solvent free materials are a requirement.

SYSTEM DESIGN

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

USES

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

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
- Do not leave exposed to UV for more than 5 days
- Use with adequate ventilation

PRODUCT COLORS AND PACKAGING

Product Numbers: NEOGARD® (Hempel)	Color	Packaging
FC7500 (4506716650)	Gray	5- and 1- gallon
FC7960 (9507700000)	N/A	1-pint, 1-gallon

APPLICATION INSTRUCTIONS

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

MIXING AND THINNING

Read product labels and application instructions prior to use. FC7500 must be mixed with FC7960 at a 9:1 ratio by volume.

This product has been formulated to be applied without thinning. However, application under certain conditions and with certain equipment may be enhanced by thinning. Please note that thinning will increase VOC content of the mixed coating. Always know local VOC restrictions for coating applications in your area before thinning this product. 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	1,500 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 Perm
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. Further technical information can be found at www.neogard.com.

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
Viscosity (mixed)	ASTM D2196	2,000cps
Flash Point	ASTM D3278	250+°F
Pot Life		20–30 minutes
Shelf Life		1 year
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 FC7500/FC7960. See further information at www.neogard.com or contact NEOGARD® Technical Service Department at techservice@neogard.com.

Product No.	Description	Use
7922 (990JB00000)	Vertical Additive	Enhances sag resistance

STORAGE AND HANDLING

Containers of urethane coating should be stored in a cool (75°F, 23°C) 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 20653 Xylene Thinner (080JB), Toluene, MEK or 7055 Odorless Reducer (086JB1L001).

HEALTH AND SAFETY

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

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. FC7500-FC7960-PDS 45067 ksk 04042017.indd

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