

Product Data Sheet

FC7500/FC7960 — Fast-Cure Polyurethane Base Coat
45063: Base 45067 : Curing Agent 95077



Description:	FC7500/FC7960 (Hempel 45067/95077) is a two-component, fast-cure polyurethane base coat.
Recommended use:	As a waterproofing membrane for pedestrian and vehicular traffic bearing surfaces, where fast turnaround time and/or solvent free materials are required. Suitable areas include parking garages, stadiums, balconies, plaza decks, walkways, rooftop recreation areas, and mechanical rooms.
Features:	Meets South Coast Air Quality Management District (SCAQMD) VOC requirements.
Certificates/approvals:	LEED: MRc5, IEQc4.2, BDc4, IDc4 UL: TGFU.R6034 Miami-Dade: NOA No.: 14-0902.10 City of Los Angeles: RR# 25702
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

FC7500 (4506716650)	Gray	5- and 1- gallon
FC7960 (9507700000)	NA	1-pint, 1-gallon

Physical constants:

Tensile strength	1,500 psi	ASTM D412
Elongation	500%	ASTM D412
Permanent set	<20%	ASTM D412
Tear resistance	150 pli	ASTM D1004
Water resistance	1% at 7 days	ASTM D471
MVT at 20 mils	5 English Perm	ASTM E96
Shore A	74–79	ASTM D2240
Adhesion to: 70714/70715 7760/7761 7780/7781 Inter-Coat	400 psi	ASTM D4541
Weight/gallon (mixed)	9.7 lbs/gal	ASTM D1475
Weight solids (mixed)	99%	ASTM C1250
Volume solids (mixed)	99%	Calculated
VOC (mixed)	<5 g/L	EPA Method 24
Viscosity (mixed)	2,000 cps	ASTM D2196
Flash point	>250°F/>121°C	ASTM D3278
Shelf life	1 year	
Fire resistance (spread of flame)	Class A (as part of a system)	ASTM E108/UL 790

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.

Application details:

Version, mixed product	45063
Mixing ratio:	Base 45067 : Curing Agent 95077 9 : 1 by volume
Mixing instructions:	Pre-mix base for 3–5 minutes before adding curing agent. Mix for a minimum of 5 minutes before applying. Jiffy Mixer paddle recommended.
Application method:	Roller or squeegee
Thinner (max.vol.):	7055 Odorless Reducer (086JB1L001) (10%)
Pot life:	20–30 minutes at 75°F/23°C
Cleaning of tools:	Hempel's Thinner 08080 (xylene)

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Safety:	Handle with care. Use with adequate ventilation. Before and during use, observe all safety labels on packaging and paint containers, consult Neogard Safety Data Sheets and follow all local or national safety regulations.
Application conditions:	Substrate temperature must be between 40°F/4°C and 110°F/32°C.
Preceding coat:	According to Neogard Guide Specifications.
Subsequent coat:	According to Neogard Guide Specifications.
Storage temperature:	Store in a cool area to ensure full shelf life. Recommended temperature: 75°F/23°C.
Remarks:	Not intended for use as a topcoat. Maximum time for UV exposure: 5 days. Not recommended for constant immersion. Do not apply over asphaltic compounds. For on-grade applications, substrates constructed over unvented metal decks or between-slab applications, contact Neogard Technical Service.

Note: **FC7500/FC7960 is for professional use only.**

Issued by: Hempel (USA) – 45063

This Product Data Sheet (“PDS”) relates to the supplied product (“Product”) and is subject to update from time-to-time. Accordingly, the buyer/applicator should refer to the PDS current as of the time of delivery. In addition to the PDS, the buyer/applicator may receive some or all of the specifications, statements and/or guidelines listed below or available at www.neogard.com (the “Additional Documents”):

No.	Document Description
1	PDS
2	Guide Specification
3	Application Manual
4	Other Technical Support Information (i.e. summary application tables, troubleshooting guides, maintenance manuals, chemical resistance charts and other technical information)

In the event of a conflict between this PDS and the Additional Documents, the conflict shall be resolved in accordance with the order of priority set forth above. In addition, the buyer/applicator should refer to the relevant Safety Data Sheet current as of the time of delivery and available at www.neogard.com. Buyer/applicator is responsible for determining the suitability of the intended use of the Product, and Neogard disclaims all responsibility for any use, handling and storage of the Product that is not in accordance with the requirements set forth in the relevant PDS and the Additional Documents. The terms and provisions hereof apply to this PDS, the Additional Documents and any other documents supplied by Neogard in respect of the Product. The Product is supplied and all technical assistance is given subject to the General Conditions of Sale of Hempel Products and/or Services available at www.hempel.com. NEOGARD MAKES NO OTHER WARRANTY THAT EXTENDS BEYOND THE WARRANTY REFERENCED THEREIN INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NEOGARD WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY OR CONDITION, OR THAT IN ANY WAY ARISE IN RELATION TO THE PRODUCT.
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