

Product Data Sheet

FTS 100 Primer Resin



Description:	FTS100 (Hempel 883J9) is a 100% solids methyl-methacrylate (MMA) primer.
Recommended use:	As a primer to cured concrete surfaces before applying Neogard FTS Flooring systems.
Features:	Cures in 60 minutes. Cures at temperatures ranging from -15°F - 100°F. Seamless repair that is compatible with Moisture Mitigation. Must be mixed with Neogard FTS 101 Adhesion Promotor prior to adding BPO Initiator.
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

FTS 100 (883J900000G4,7)	Clear	5-gallon pails
FTS 100 (883J900000G049)	Clear	55-gallon drums

Physical constants:

Weight/Gallon (mixed)	8.3 lbs/gal	
Weight Solids (mixed)	100%	ASTM D1475
Volume Solids (mixed)	100%	ASTM D4209
VOC (mixed)	<100 g/L	ASTM D5201
Viscosity	12-15 cPs	ASTM D2196
Density	8.10 lbs/gal	ASTM D1475
Tensile Strength	3,700 psi	ASTM D638
Tensile Modulus	230,000 psi	ASTM D638
Shelf Life	1 year	
Cure to Recoat at 75°F/23°C,	1 hour	ASTMD257
Electrical Resistivity	Volume Resistance (ohm-cm): 10 ¹⁵ Surface Resistance (ohm): 10 ¹²	

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:

Mixing ratio:	Refer to FTS BPO Dosing Chart
Mixing instructions:	Pre-mix base for 3–5 minutes before adding adhesion promotor. Mix for a minimum of 5 minutes before applying. Jiffy Mixer paddle recommended.
Application method:	Roller or brush – should be applied at a rate that allows for penetration of the concrete substrate but still maintains a continuous coating on the surface.
Thinner (max.vol.):	Coating is to be applied without thinning.
Pot life:	15-20 minutes at 75°F/23°C

Safety:	Handle with care. Use with adequate ventilation. No smoking, open flames, or sparks should be permitted in and around the working area. 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.
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Surface preparation:	According to Neogard Guide Specifications.
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Application conditions:	FTS 100 Primer should be used in combination with FTS 101 Adhesion Promoter and applied over mechanically prepared concrete substrates at a rate of approximately 100 sq. ft. per gallon. Depending on substrate surface profile and porosity, coverage rate may vary between 80 - 120 sq. ft. / gallon. Substrate temperature must be between 40°F/4°C and 110°F/32°C.
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Preceding coat:	According to Neogard Guide Specifications.
Subsequent coat:	According to Neogard Guide Specifications.
Storage temperature:	Store material in a cool and dry place out of direct sunlight. Do not store near open flame or ignition source. Recommended temperature: 75°F/23°C.
Remarks:	<p>Must be protected from UV exposure. Should be applied over a mechanically prepared concrete substrate at a rate allowing for penetration of the concrete.</p> <p>The rate of application will depend on the substrate surface profile and porosity.</p> <p>A second coat of primer mixture may be required on a porous substrate or if the coating appears to be inconsistent. Repeat procedures above until a continuous film is formed.</p>

Note: FTS 100 is for professional use only.

Issued by: Hempel (USA) –883J9

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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