

# Product Data Sheet

FC7510/FC7961 — Fast-Cure Aromatic Urethane

47PJB: Base 47PJ9 : Curing Agent 948JB



**Description:** FC7510/FC7961 (Hempel 47PJB) is a two-component, fast-cure aromatic polyurethane.

**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

**Availability:** Available in North America. Not included in Group Assortment; other regions must confirm.

## Colors and packaging:

FC7510 (47PJ916650)	Gray	3-gallon
FC7510-03 (47PJ923820)	Tan	3-gallon
FC7510-11 (47PJ916660)	Light Gray	3-gallon
FC7510-41 (47PJ916680)	Charcoal Gray	3-gallon
FC7961 (948JB00000)	NA	1-gallon

*Some standard colors and/or packaging may have extended lead times and/or minimum quantities. Contact Neogard for additional colors.*

## Physical constants:

Tensile strength	2,200 psi	ASTM D412
Elongation	80%	ASTM D412
Permanent set	<10%	ASTM D412
Tear resistance	165 pli	ASTM D1004
Water resistance	<1% at 7 days	ASTM D471
MVT at 20 mils	0.4 English Perm	ASTM E96
Taber abrasion	55 mg/1,000 CS-17	ASTM D4060
Shore A	84–90	ASTM D2240
Adhesion to:		
70714/70715		
7760/7761	400 psi	ASTM D4541
7780/7781		
FC7500/FC7960		
Weight/gal (mixed)	11.5 lbs/gal ± 0.25	ASTM D1475
Weight solids (mixed)	99% ± 2.0%	ASTM D5201
Volume solids (mixed)	98% ± 1.0%	ASTM D5201
VOC (mixed)	<100 g/L	ASTM D5201
Viscosity (mixed)	900cps	ASTM D2196
Flash point		Refer to SDS
Fire resistance (spread of flame)	Class A as part of a system	ASTM E108
Cure to recoat at 75°F/23°C, 50% relative humidity	5–6 hours	

*The above tested results are typical values. Individual lots may vary. Further technical information can be found at [www.neogard.com](http://www.neogard.com).*

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## Application details:

### Version, mixed product

Mixing ratio:

Mixing instructions:

Application method:

Thinner (max.vol.):

Accelerator:

Pot life:

Cleaning of tools:

### 47PJB

Base 47PJ9 : Curing Agent 948JB

3 : 1 by volume

Pre-mix base for 3–5 minutes before adding curing agent. Mix for a minimum of 5 minutes before applying. Jiffy Mixer paddle recommended.

Roller or squeegee

086JB may be added not to exceed 9% by vol. or 11 oz/gal.

At 40°F, 0.8 oz/gal of 7931 (99055) See Cure Chart.

35–55 minutes at 75°F/23°C

Acetone or other VOC compliant multi-purpose solvents. Confirm compliance with Local, State and Federal air quality rules before use.

## 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:

For interior or covered areas only. Not intended for UV exposure; product may yellow or discolor when exposed to UV light. Maximum time for UV exposure: 2 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:

**FC7510/FC7961 is for professional use only.**

Issued by:

Hempel (USA) – 47PJB

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](http://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](http://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](http://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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