

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	ASTM D1475
Weight Solids (mixed)	99% at 12 hours	ASTM C1250
Volume Solids (mixed)	98%	Calculated
VOC (mixed)	<22 g/L	EPA Method 24
Viscosity (mixed)	900cps	ASTM D2196
Flash Point	205°F	ASTM D3278
Fire Resistance (Spread of Flame)	Class A as part of a system	ASTM E108/UL 790
Cure to Recoat at 75°F (24°C), 50% relative humidity	5–6 hours	

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.

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Application details:

Version, mixed product

47PJB

Mixing ratio:

Base 47PJ9 : Curing Agent 948JB
3 : 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:

35–55 minutes at 75°F (23°C)

Cleaning of tools:

Hempel's Thinner 08080 (xylene)

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. Maximum time for UV exposure: 5 days. Not recommended for constant immersion. Not compatible with 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 supersedes those previously issued.

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