

Product Data Sheet

FC7548/FC7964 — Integrally Textured Aliphatic Urethane
47TJB: Base 47TJ9 : Curing Agent 949JB



| | |
|--------------------------------|---|
| Description: | FC7548/FC7964 (Hempel 47TJ9/949JB) is an integrally textured, two-component, fast-cure, high solids, aliphatic urethane. |
| Recommended use: | As a waterproofing membrane wear coat or topcoat for pedestrian traffic surfaces, designed for applications where fast turnaround time and/or solvent-free materials are required. Suitable areas include stadiums, balconies, plaza decks, walkways, rooftop recreation areas, and mechanical rooms. |
| Features: | Integrally textured—aggregate is already added to the material. Meets South Coast Air Quality Management District (SCAQMD) VOC requirements. |
| Certificates/approvals: | LEED: MRc5, IEQc4.2, SSc7.1 Miami-Dade: NOA No.: 14-0902.10, NOA No. 15-0616.03 |
| Availability: | Available in North America. Not included in Group Assortment; other regions must confirm. |

Colors and packaging:

| | | |
|------------------------|------------|----------|
| FC7548 (47TJ916650) | Gray | 2-gallon |
| FC7548-03 (47TJ923820) | Tan | 2-gallon |
| FC7548-41 (47TJ916680) | Charcoal | 2-gallon |
| FC7548-58 (47TJ961300) | Dark Maple | 2-gallon |
| FC7964 (949JB00000) | Clear | 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 | 2,000 psi | ASTM D412 |
| Elongation | 130% | ASTM D412 |
| Permanent Set | <10% | ASTM D412 |
| Tear Resistance | 155 pli | ASTM D1004 |
| Water Resistance | <2% at 7 days | ASTM D471 |
| MVT at 20 mils | 1.0 English Perm | ASTM E96 |
| Taber Abrasion | 95 mg/1,000 cs17 | ASTM D4060 |
| Shore A | 80–90 | ASTM D2240 |
| Peel Adhesion: | | |
| 70714/70715 | 16.3 lbs/in | |
| 7780/7781 | 6.2 lbs/in | |
| FC7510/FC7961 | 8.2 lbs/in | |
| FC7500/FC7960 | 16.1 lbs/in | ASTM D903 |
| FC 7530/7963 | 12.6 lbs/in | |
| FC7540/FC7964 | 13.5 lbs/in | |
| 70410 | 16.5 lbs/in | |
| 7430 | 12 lbs/in | |
| Weight/Gallon (mixed) | 10.407 lbs/gal | ASTM D1475 |
| Weight Solids (mixed) | 93.2% | ASTM D5201 |
| Volume Solids (mixed) | 90.3% | ASTM D5201 |
| VOC (mixed) | 57 g/L | ASTM D5201 |
| Viscosity (mixed) | 100 KU | ASTM D2196 |
| Flash Point, FC7548 | 201° F (93.8°C) | ASTM D5201 |
| Flash Point, FC7964 | 106° F (41°C) | ASTM D5201 |
| Cure To Recoat at 75°F (24°C), 50% relative humidity | 4.5 hours | ASTM D5895 |

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 Sheet

FC7548/FC7964 — Integrally Textured Aliphatic Urethane
47TJB: Base 47TJ9 : Curing Agent 949JB



Application details:

Version, mixed product

47TJB

Mixing ratio:

Base 47TJ9 : Curing Agent 949JB
2 : 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:

Squeegee or roller (do not dip and roll from container)

Thinner (max.vol.):

7055 Odorless Reducer (086JB1L001) (10%)

Pot life:

60 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.

Storage temperature:

Store in a cool area to ensure full shelf life. Recommended temperature: 75°F (23°C).

Remarks:

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:

FC7548/FC7964 is for professional use only.

Issued by:

Hempel (USA) – 47TJB

This Product Data Sheet supersedes those previously issued.

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. FC7548-FC7964-PDS ksk 03262020.docx

Neogard®, a part of Hempel
2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com