

ProductDescription

SpraySeal NS-F300+GE is an asphalt based, elastomeric coating for commercial waterproofing, Horizontal Decks, Blindsides/ Full Tanking applications, and Horizontal Mud-Slab waterproofing. SpraySeal NS-F300+GE can withstand shotcrete applications. SpraySeal NS-F300+GE is a highly versatile elastomeric coating that is cold-applied using a spray-system to create a durable, seamless membrane. It can be used to cover a wide variety of surfaces. With its unsurpassed ability to expand and contract, it can easily withstand all weather conditions. SpraySeal NS-F300-GE (Geotextile) can also be used in combination with a geotextile fabric for superior strength.

Features & Benefits

- SpraySeal NS-F300+GE coating can be applied on various shoring substrates.
- This durable product can withstand temperature changes and surface shifts without becoming cracked or strained.
- SpraySeal NS-F300+GE has superior resistance to hydrostatic head pressure.
- SpraySeal NS-F300+GE has a tremendous bond of wet concrete to cured membrane.
- Environmentally friendly and free of toxins and VOCs.

Storage & Use

- Mix each drum well prior to use.
- Ensure lids to drums are sealed, and air-tight prior to use.
- Do not store in direct sunlight max 32°C (90°F) or below 5°C (41°F).
- Avoid storing or using the product in temperatures below 4.5°C (40.1°F).
- When used for Blindsides applications, NS F-300+GE™ is intended to be installed along with a DELTA-NaturaDRAIN drainage membrane.

Applications

- Waterproofing Horizontal Decks
- Blindsides Waterproofing
- Full Tanking/ Bathtub Waterproofing
- Horizontal Mud-Slab Waterproofing

Colour

BLACK

Limitation

Mildly alkaline. Do not apply when the ambient temperature is below freezing. Do not apply to frozen or frosted surfaces. For application below 0°C (32°F), please refer to manufacturers guidelines for winterized kits.

Packaging

55-gal (205-L) Drums
265-gal (1000- L) Totes

Coverage

SpraySeal NS-F300+GE is applied at total system thickness of 120 MILS DFT for Blindsides Waterproofing & Horizontal Mud-Slab Waterproofing application.

SpraySeal NS-F300+GE is applied at a total system thickness of 140 MILS DFT and 120 for Horizontal Mud-Slab/ Full Tanking Waterproofing applications.

SpraySeal NS-F300 is firm to touch in one (1) minute @ 20°C (68°F) and is completely cured in 48 hrs. This curing time may vary depending on temperature and relative humidity (24-48 hrs). For approximate drum coverage, refer to NaturaSeal Coverage Literature.

Warranty

NaturaSeal warrants its Products to be free of defects in materials but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, NaturaSeal makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to NaturaSeal Products. NaturaSeal's sole obligation shall be, at its option, to replace or refund the purchase price of the quantity of NaturaSeal Products proven to be defective, and NaturaSeal shall not be liable for any loss or damage.

Please refer to our website at www.naturaseal.com for the most up-to-date Product Data Sheets.

Note: All NaturaSeal Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements

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Corporate office:

NaturaSeal Distribution Inc.
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www.naturaseal.com

•Free of Flammable Solvents

•Non-toxic

•Odourless and Water Based

| PHYSICAL PROPERTIES | TYPICAL RESULTS |
|-------------------------------------|----------------------|
| Specific Gravity, kg/m ³ | Approximately 1.0 |
| Odour | None |
| VOC | Contains no solvents |
| Colour | Brown to Black |
| % Solids (wt.) | 62 +/- 3% |
| pH | 10-12 |

| PERFORMANCE (CURED MEMBRANE) | ASTM METHOD | RESULTS |
|---|---------------|--|
| Thickness, mm | D5147 | 3 |
| Peak Load @ 23°C / 73.4°F MD ; kN/m | D5147 | 7.1 |
| Peak Load @ 23°C / 73.4°F XD ; kN/m | | |
| Elongation at break, % MD | D5147 | 179 |
| Elongation at break, % XD | | |
| Tensile Strength, MPa (psi) (After 7 days in the water) | D882 | 3.5 (514) |
| Elongation, % (After 7 days in water) | D882 | 183 |
| Tear Strength, N MD | D4073 | 418 |
| Tear Strength, N XD | | |
| Low Temperature Flexibility @ -20°C / -4°F | D5147 | Unaffected |
| Water Vapor Permeance, ng/Pa.s.m ² (US Perms) | E96, Method B | 0.02 (0.00035) Unaged 0.03 (0.00052) After Conditioning |
| Adhesion to Concrete @ 22°C / -4°F, N/m (lbf/in) | D903 | 4560 (26.04) |
| Resistance to Hydrostatic Head ft (m) | D5385M | |
| 100psi (2mm) | | 271 (82) |
| 150psi (3mm) | | 346 (105) |
| Gas Permeability (methane) cm ² /s@1atm cm ³ x cm/cm ³ xsxPa | D1434 | 2.54 x 10 ⁻⁸ 2.51 x 10 ⁻¹³ |
| Dimensional Stability, % | D1204 & D5147 | |
| Length | | 0.2 |
| Width | | 0.2 |
| Puncture Resistance, N (lbf) | E154 | 909 (204) |
| Lateral Water Migration Resistance (PSI) | D5385 | Pass at >100 PSI |

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