

Product Description

SpraySeal NS F-300 GE™ is an elastomeric coating for waterproofing Horizontal decks, and Blindside applications, including Shot-Crete. NS F-300 GE™ is weather resistant, eco-friendly and safe to use. NS F-300 GE™ is a highly versatile elastomeric coating that is cold-applied using a spray system to impregnate a geo-textile fabric 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.

Features & Benefits

- NS F-300 GE™ coating can be used on concrete and wood shoring.
- This product was tested to withstand over 150PSI or >350 feet of Hydrostatic head pressure.
- It elongates up to 183%, with a tensile strength of 557 PSI.
- This durable product can withstand temperature changes and surface shifts without becoming cracked or strained.
- The product self-heals if it is punctured.
- Environmentally friendly, and free of toxins and VOCs.

Storage & Use

- When used for Blindside application NS F-300 GE™ is intended to be installed along with a NaturaDrain 6500XP drainage membrane.
- Avoid storing or using the product in temperatures below 4.5 degrees Celsius.
- Using a winterized kit, applicators can spray down to -10 degrees Celsius

Applications

- Waterproofing Horizontal Decks
- Blindside Waterproofing
- Full Tanking/ Bathtub Waterproofing

Colour

BLACK

Limitation

Mildly alkaline. do not apply when the ambient temperature is below freezing. Do not apply to frozen or frosted surfaces. Do not store in direct sunlight max 32°C (90°F) or below 5°C (41°F). For application below 0 degrees, please refer to manufacturers guidelines for equipment winterization.

Packaging

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

Coverage

NS F-300 GE™ is applied between 0.7 m2/litre (30 ft2/gal) to produce a 40 mil protective membrane to 0.175 m2/litre (7.5 ft2/gal) to produce a 160 mil membrane. SpraySeal dries to the touch in one (1) minute @20°C and is completely cured in 48 hrs. This curing time may vary depending on temperature and relative humidity. Typically an applicator crew can spray 6,000 ft2 (560 m2) per day.

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 to 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

PIONEERING THE FUTURE TODAY

Corporate office:
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•Free of Flammable Solvents

•Non-toxic

•Odourless and Water Based

PHYSICAL PROPERTIES	TYPICAL RESULTS
Specific Gravity (liquid) g/cm ³	Approx. 1.0
Odour	None
VOC	Contains no solvents
Colour	Brown to Black
% solids (wt.)	62
pH	10 – 12

PERFORMANCE (CURED MEMBRANE)	ASTM METHOD	RESULTS
Thickness, mm	D5147	2.00
Peak Load @ 23C MD ; kN/m Peak Load @ 23C XD ; kN/m	D5147	7.1
Elongation at break, % MD Elongation at break, % XD	D5147	179
Tensile Strength, MPa (psi) (After 7 days in water)	D882	3.5 (514)
Elongation, % (After 7 days in water)	D882	183
Tear Strength, N MD Tear Strength, N XD	D4073	418
Low Temperature Flexibility @ -20C	D5147	Unaffected
Puncture Resistance, N (lbf)	E154	909 (204)
Water Vapor Permeance, ng/Pa.s.m2 (Perms)	E96, Method B	1.5 (0.03) Desiccant 1.2 (0.02) Water
Adhesion to Concrete @ 22C, N/m (lbf/in)	D903	4560 (26.04)
Resistance to Hydrostatic Head, ft (m)	D5385	>271 (>82)
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, % Length Width	D1204 & ASTM D5147	0.2 0.2

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