

Product Description

SpraySeal NS F300-BG™ is an elastomeric coating for waterproofing Vertical walls, Open cut waterproofing, ICF foundations, and more. NS F300-BG™ is weather resistant, waterproof, and also protects against corrosion. Eco-friendly and safe to use. NS F300-BG™ is a highly versatile elastomeric coating that is cold-applied using a spray system. It can be used to cover a wide variety of surfaces both indoors and outdoors. With its unsurpassed ability to expand and contract, it can easily withstand all weather conditions.

Features & Benefits

- NS F300-BG™ coating can be used on almost any material, including concrete, wood, foam, and metal.
- This product was tested to withstand 75PSI or 138 feet of Hydrostatic head pressure.
- It elongates up to 850%, with 95% recovery
- 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-BG™ 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 Vertical Foundation Walls
- ICF Foundation Waterproofing
- Open Cut Waterproofing

Colour

BLACK

Limitation

Mildly alkaline. Do not apply when the ambient temperature is below freezing. Do not apply to wet, frozen or frosted surfaces. Do not store in direct sunlight max 32°C (90°F) or below 5°C (41°F).

Packaging

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

Coverage

NS F300-BG™ 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

NaturaSeal Manufacturing & Distribution

Corporate office:
NaturaSeal Distribution Inc.
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Vaughan, ON L4K 4v4

info@naturaseal.com
www.naturaseal.com

•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
Viscosity, SSF @ 25°C	15 – 20
pH	10 – 12

PERFORMANCE (CURED MEMBRANE)	TYPICAL RESULTS
Colour	Black
Thickness, mm	1.5
Specific gravity , kg/m ³	Approximately 1.0
Impact resistance CSB 37-GP-56 @23°C, in-lbs	Passed (168)
Water Tightness after impact	Passed (no leakage)
Tensile Strength, ASTM D412, psi	8.4 Mpa (1218 PSI)
Elongation, %	486%
Adhesion to Concrete Strength, ASTM C 907 (amended to tensile adhesion), psi	111
Puncture resistance ASTM D5602-06	Passed (no puncture)
Accelerated Weathering, ASTM 155, D 412	Passed (no deterioration of film)
Hardness, Durometer Type 00	85-87
CAN/ULC-S102.2	Class A Passed
National Sanitation Foundation	Potable Water Approved (call for details)
Salt Fog Corrosion, Steel ASTM D412	1,000 Hours Passing
Hydrostatic Head Pressure Resistance, ASTM D5385	Passed (no leakage) at 75 PSI (138 ft) of hydrostatic pressure
Low Temperature Flexibility, ASTM 5147-14	Passed (no cracking observed)
Dimensional Stability, Max %	Passed 2.31
Compound Stability, °C	Passed (123)
Water Vapour Permeance ASTM E96-16, ng/Pa.s.m ² (perms)	5 (0.09) Procedure A, Desiccant 4 (0.07) Procedure B, Water
Biological resistance ASTM E 154, ASTM D412	Passed (> 90% original value)

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PERFORMANCE (CURED MEMBRANE)	TYPICAL RESULTS
Crack Bridging, CAN/CGSB 37.58-M86 & ASTM C1305	No Cracking Observed (-26°C) No Cracking Observed (40°C)
Water Resistance, AATCC 127 & ASTM E2556	Pass, 55 cm of Water Head for 5 hours
Pull Adhesion, ASTM D4541, mPa	0.49
Adhesion in Peel (After Water Immersion), ASTM C836 (N/m)	670 N/m

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