

SpraySeal NS-F300RG

Fluid-Applied, Elastomeric, Non-Permeable Membrane

TECHNICAL DATA SHEET F300RG062325NNA01

DESCRIPTION

SpraySeal NS-F300RG is a high-performance, asphalt-based elastomeric coating designed for residential waterproofing applications such as foundation walls, exterior basement surfaces, crawl spaces, new construction and retaining wall waterproofing. It is cold-applied using a spray system, forming a seamless and flexible membrane that effectively seals against moisture intrusion. This eco-friendly, weather-resistant coating adheres to a wide variety of surfaces and is engineered to expand and contract with temperature changes, making it ideal for year-round protection in any climate. For added reinforcement in areas requiring extra durability, SpraySeal NS-F300RG can be combined with a geotextile fabric to enhance tensile strength and crack-bridging capability.

NaturaSeal® - PMAE TECHNOLOGY

NaturaSeal manufactures products utilizing unique green PMAE Technology and raw materials that are derived from recycled effluent asphalt, wood chip and paper pulp.



BENEFITS

- Can be used on concrete foundation walls
- Withstand temperature changes and surface shifts without becoming cracked or strained
- Superior resistance to hydrostatic head pressure
- Highly elastomeric
- Self-heals if it is punctured
- Environmentally friendly and free of toxins and VOCs

INSTALLATION



SPRAY APPLIED

APPLICATION

- Dampproofing
- Footings and other Buried elements
- Facade Barrier

HEALTH SAFETY AND ENVIRONMENT

SpraySeal NS-F300RG does not contain any substance likely to be detrimental to health or to the environment. For further information please refer to relevant Material Safety Data Sheet (MSDS).

INSTALLATION GUIDELINES

- All substrates must be clean and free of debris, dirt and mildew.
- Do not apply when subjected to rain.
- Do not apply when temperatures are below 5 °C without winterized kit.
- Temperature and humidity conditions will affect drying time.

For further information refer to NaturaSeal installation guides.

SHELF LIFE

Material will have a 24-month shelf life if stored in a dry and properly ventilated space, protected from the elements or any harmful substances.

STORAGE AND 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 90°F (32°C) or below 41°F (5°C).

SUSTAINABILITY

NaturaSeal® products support sustainable and energy-efficient building practices, and achieving LEED® certification (LEED® for New Construction).



COMPONENTS

- BrushSeal HB-600-BR
- PatchSeal PS-700-TG
- NS-200R Geotextile Fabric

COVERAGE

SpraySeal NS-F300RG is typically applied at 60 Milis WFT (40 Milis DFT) for Residential Waterproofing applications.

SpraySeal NS-F300RG is firm to touch in one (1) minute @ 68°F (20°C) and is completely cured in 16-24 hrs. This curing time may vary depending on temperature and relative humidity.

Typically, an applicator crew can spray 8-15 Gallons/hour and will obtain approximately 25 square feet per gallon at 60 mils WFT (40DFT).

QUALITY MANAGEMENT

NaturaSeal is committed to creating unparalleled new technologies, minimizing the negative impacts on the environment and communities. Our manufacturing facilities are independently monitored and certified CE, ISO 9001, ISO 14001, ISO 45001 and DM-DCLD PRODUCT CONFORMITY, 2023 AL SAFAT DUBAI GREEN BUILDING SYSTEM

- Please refer to NaturaSeal for the most up-to-date Technical Data Sheet (TDS).
- NaturaSeal Material Safety Data Sheet (MSDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

NATURASEAL NORTH AMERICA

960 Edgeley Blvd. Unit #4,
Vaughan, ON L4K 4v4, Canada
www.naturaseal.com | info@naturaseal.com

NATURASEAL INTERNATIONAL

The Offices at IBN Battuta Gate 8th Floor Office 804B,
P.O. Box 214771, Jabel Ali First, Dubai U.A.E.
www.naturaseal.ae | contact.international@naturaseal.ae

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APPROVALS / CERTIFICATE

CE Marking, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
 CERTIFICATE OF PRODUCT CONFORMITY - DM-DCLD-RD-DP21-2001 (IC)

PRODUCT INFORMATION

Physical Properties	Typical Results
Viscosity (Brookfield RVT, sp2, 100rpm)	Viscosity: 99 cP +/- 20cP
Odor	None
VOC	Contains no solvents
Color	Brown to Black
% Solids (wt.)	61% +/- 2%
pH	10-12

TECHNICAL INFORMATION

Performance (Cured Membrane)	ASTM Method	Results
Elongation	ASTM 412-16 (2021)	757%
Low Temperature Flexibility	ASTM D5147/D5417M-18 (2024)	No crack observed
Water Vapor Permeance (Test Method: Method B-Water method)	ASTM E96/E96M-24a	0.078 Perms
Crack Bridging/Crack Cycling* @3.2 mm	ASTM C1305/C1305M-25 & ASTM C836/C836M-18 (2022)	No sign of cracks, loss of adhesion or any other type of failure was observed after completion of the up and down movement
Tensile Strength	ASTM D412-16 (2021)	0.89 Mpa
Dry Film Thickness	ASTM D5147/D5147M-18 (2024)	1mm
Recovery	ASTM D412-16 (2021)	92%
Seal Around Nail	ASTM D1970/D1970M-21	PASS

Information contained in this data sheet is up-to-date and correct as at the date of issue. All value represented are nominal and subject to 10% tolerance unless noted otherwise.

We warrant that our products are in conformance with the standards of quality control established by NaturaSeal. As we cannot control or anticipate the conditions under which the products may be used, each user should review the information in specific context of the planned use. NaturaSeal makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE with respect to NaturaSeal Products. To the maximum extent permitted by law, we will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. Please contact NaturaSeal for applicable warranty programs and general terms and conditions.

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AFFILIATES



NATURASEAL NORTH AMERICA

960 Edgeley Blvd. Unit #4,
 Vaughan, ON L4K 4v4, Canada
www.naturaseal.com | info@naturaseal.com

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