



SpraySeal™ NS R200

Fluid-Applied, Elastomeric, Non-Permeable Membrane

TECHNICAL DATA SHEET NSR200062525NNA01

DESCRIPTION

SpraySeal™ NS R200 is an elastomeric coating for decks, roofs, metal surfaces and more. SpraySeal™ NS R200 is weather resistant, waterproof, and also protects against corrosion. Eco-friendly and safe to use. SpraySeal™ NS R200 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.

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

- Suitable for most materials, including concrete, wood, foam and metal
- Elongates up to 850%, with 95% recovery
- Multipurpose usage: waterproofing, corrosion protection and more
- Withstands temperature changes and surface shifts without cracking or straining
- Self-heals if punctured
- Environmentally friendly, and free of toxins and VOCs

INSTALLATION



SPRAY APPLIED

APPLICATION

- Inverted Roof Assembly (IRMA)
- Metal Roof Assembly
- Cool Roof Assembly
- Green Roof Assembly

HEALTH SAFETY AND ENVIRONMENT

SpraySeal™ NS R200 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 heavy rain.
- Do not apply when temperatures are below 5°C (41°F) without winterized kit.
- Temperature and humidity conditions will affect drying time.
- Flood test only when fully cured using 50 mm depth of water for a maximum period of 24 hours.

For further information refer to NaturaSeal installation guides.

COMPONENTS

- Natura HDPro
- BrushSeal HB-600 BR
- Patchseal PS-700 TG
- NS-200R Geotextile Fabric
- NS-SALT

SHELF LIFE

Material will have a 12-month shelf life if stored in a dry and properly ventilated space, protected from the elements or any harmful substances.



SUSTAINABILITY

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



COVERAGE

Dry Film Thickness (DFT)	SF/Gallon
100 Mils	10.43

SpraySeal dries to the 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. Protection board or insulation may be applied to the membrane surface after an initial set time of 20 minutes.

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 SA'FAT 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.

STORAGE AND USE

- SpraySeal™ NS R200 is designed to serve a protective function rather than an aesthetic one. If appearance is a factor, consider using this product in conjunction with NovaSet R250 ISW.
- Although this product is highly versatile, there are some surfaces that it is not recommended for, such as coal-tar.
- Avoid storing or using the product in temperatures below 4.5°C (40°F). The uncured membrane may become damaged if frozen.
- Using a winterized kit, applicators can spray down to -15°C (5°F).

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

SpraySeal™ NS R200

Fluid-Applied, Elastomeric, Non-Permeable Membrane

TECHNICAL DATA SHEET NSR200062525NNA01

APPROVALS / CERTIFICATE

CE Marking, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

PRODUCT INFORMATION

Physical Properties	Typical Results
Specific Gravity (Liquid)	Approx. 1.0
Odour	None
VOC	Contains no solvents
Colour	Brown to Black
% Solids (wt.)	62%
Viscosity, SSF @ 25°C (77°F), seconds	15 - 20
pH	10 - 12

TECHNICAL INFORMATION

Performance (Cured Membrane)	ASTM Method	Typical Results
Colour		Black
Specific Gravity (kg/m³)		Approximately 1.0
Chemical resistance		Resists most inorganic solutions. Not recommended for petroleum products. See Chemical Resistance chart for further data.
Biological resistance	E 154, D412	Passed (> 90% original value)
Impact resistance (lbs)	CSB 37-GP-56 @ 23°C (73°F)	Passed (168)
Water tightness after impact		Passed (no leakage)
Tensile strength (psi)	ASTM D412	90
Elongation (%)		850
Adhesion to Concrete Strength (amended to tensile adhesion) (psi)	ASTM C 907	111
Puncture resistance 24 hr @ 29N, -5°C (23°F)	CGSB 37-GP-56	Passed (No perforations)
Accelerated weathering	G155, D412	Passed (No deterioration of film)
Tensile strength		Passed (> 90% original value)
Hardness, Durometer Type 00		85-87
Underwriters Laboratories		Class A Fire Rating (call for details)
National Sanitation Foundation		Potable water approved (call for details)
Salt fog corrosion, steel	D412	1,000 hours passing

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.

AFFILIATES



PIONEERING THE FUTURE TODAY

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