



NS-TD100™ Sealant

Single Component Caulking Sealant

TECHNICAL DATA SHEET TDS062525NNA01

DESCRIPTION

NS-TD100™ is a high performance, interior or exterior joint sealant for use in both moving and non-moving joint applications. NS-TD100™ provides a long lasting weather tight seal to a variety of building substrates. Please use the correct product grade that complies with VOC regulations as per federal, state, county and city regulations/codes at the place of installation of product.

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

- 100% Solids no Shrinkage
- Applies Vertically as Well as Overhead
- Bonds to Damp Masonry
- Durable Long Lasting Seal
- Easy to Trowel & Gun
- Excellent Weathering Properties
- Fast Skinning - Resists Dirt Pickup on Construction Sites
- Gun Grade
- Hybrid - Bonds to a Variety of Substrates without Priming
- No Mixing
- No Solvents or Odor
- Non-Slump
- Safe to Use Indoors and in Confined Spaces
- Single Component
- Unique Polymer
- Water Curable

INSTALLATION



CAULKING GUN

APPLICATION

- Pedestrian Traffic Coating
- Vehicular Traffic Coating
- Parking Decks
- Balconies and Plaza Decks

HEALTH SAFETY AND ENVIRONMENT

NS-TD100™ 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.

For further information refer to NaturaSeal installation guides.

STORAGE AND USE

- Ensure all tote and drum lids are sealed and air-tight prior to use.
- Properly mix each drum or pail prior to use.
- Do not store in direct sunlight of temperatures $\geq 32^{\circ}\text{C}$ (90°F).
- Avoid storing or using the product in temperatures $\leq 5^{\circ}\text{C}$ (41°F).



SUSTAINABILITY

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



COMPONENTS

- TuffDeck 810/850
- TuffDeck Gripcoat
- TuffDeck Transition Tape

COVERAGE

Each 20oz Sausage Tube yields approximately 70 LF/ sausage. The coverage may vary depending on the joint size.

Coverage rate depends on the joint size. The maximum depth of the sealant shall be 13 mm.

For equipment and application details, please refer to NaturaSeal installation guides.

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 and ISO 45001.

- 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.

SHELF LIFE

NS-TD100™ has a shelf life of 12 months from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

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APPROVALS / CERTIFICATE

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

PRODUCT INFORMATION

Physical Properties	Typical Results
Odour	Mild
Colour	Medium Grey
Packaging	591 ml (20oz) Sausage; 12 per case

TECHNICAL INFORMATION

Performance (Cured Membrane)	ASTM Method	Typical Results
Specific Gravity (Depending on Color)		1.60 ± 0.1
Viscosity		1,000,000 cps
Odour		Mild
Service Temperature		-40°F to 200°F (-40 to 93.3°C)
Low Temperature Flex		10°F (-23.3°C), pas 1/4" Mandrel
Hardness, Shore A	D2240	30 ± 3
Shear Strength	D1002	150 ± 15 psi (1.03 ± 0.1 mPa)
Tack-free Time	C679	40-50 Min
Elongation	D412	300%-400%
Shrinkage, after 14 days		No Measurable Shrinkage

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 warranty 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

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