

NS-BST™

Accessory Tape for Air Barrier Applications

TECHNICAL DATA SHEET NSBSTG2525NNA01

DESCRIPTION

NS-BST™ is a 20mils thick flashing tape with anti-skid top film surface and made of acrylic adhesive ultra-bonding strength to seal around roof, windows, doors, and other joinery seams. It is suitable for all kinds of wet, hot and cold environments. The rough surface of the backing allows adhesion of spray or liquid sealants and weather-resistant coatings. The adhesive layer is covered with a disposable poly-coated Kraft paper release liner.

NaturaSeal® - Pressure Sensitive Transition Tape

NS-BST™ pressure sensitive fabric backed transition tape, has an aggressive adhesive to allow for quick, easy and permanent adhesion. It is designed for sealing joints and seams where top coating is desired.

BENEFITS

- Free of volatile organic compound
- Eco-friendly green engineering solution
- Multi-purpose detailing and transition tape
- Solvent free and odorless
- Cold-applied, Non flammable and non toxic
- Superior adhesion and substrate compatibility
- Quick, easy and permanent adhesion without primer

INSTALLATION



ROLL

APPLICATION

- Sealing Joints, Seams & Flashing
- Transition, Penetration & Detailing Tape
- Air & Vapor Barrier Application
- Roofing & Metal Roof Applications
- Wet Areas, Planters, Plaza Decks etc.

HEALTH SAFETY AND ENVIRONMENT

The materials does not contain any substance likely to be detrimental to health or to the environmet and complies with generally accepted health and safety requirements. For further information please refer to relevant Material Safety Data Sheet in force.

INSTALLATION GUIDELINES

- Center the tape over the seam and remove the release liner gradually to prevent contamination of the adhesive prior to application.
- This material may be applied to clean dry surfaces above 5°C (41°F).
- For exposed applications a UV resistant coating should be applied over the tape to protect it from UV degradation.
- Topcoats can be applied directly to the fabric backing.

For further information please refer to the relevant Work Method Statement (WMS).

STORAGE AND USE

The material must be stored in shaded spaces, protected from exposure to direct sunlight, extreme heat and moisture. Material must be kept away from heat and flammable materials.



SUSTAINABILITY

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



COMPONENTS

NS-BST™ is used as an ancillary in combination with all NaturaSeal Cold-Applied PMAE series of products.

COVERAGE

Size	Packaging
50.8 mm x 22.86 m (2" x 75ft)	48 rolls / case
101.6 mm x 22.86 m (4" x 75ft)	24 rolls / case
152.4 mm x 22.86 m (6" x 75ft)	16 rolls / case
228.6 mm x 22.86 m (9" x 75ft)	14 rolls / case
304.8 mm x 22.86 m (12" x 75ft)	6 rolls / case

Please note that 9" and 12" rolls are special order.

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

Product has a shelf life of 12 months from date of shipment when stored in original box at 21.1°C (70°F) and 50% RH.

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COMPLIANCE

AASHTO M288OF PRODUCT CONFORMITY - DM-DCLD-RD-DP21-2001 (IC)

PRODUCT INFORMATION

Physical Properties	Typical Results
Colour	Grey
Top Surface	Needle punched non-woven
Bottom Release Liner	White Kraft

TECHNICAL INFORMATION

Property	ASTM Method	Typical Results
Nominal Thickness	D45147	20 mil (0.5mm)
Nominal Weight		400 gsm
Nail Sealability	D1970	Pass
Lap sealability	D1970	Pass
UV Exposure	690	24 Months
MD - Tensile Strength MD	AAMA 711 Sec5.I	20 Lbs/in
CD - Tensile Strength CD	AAMA 711 Sec5.I	181 Lbs/in
Permeability	E96	0.03 Perms
Water Resistance	D779	> 200 Hours
Temperature Range	D1970	-40°C to 120°C (-40°F to 250°F)
Low Temperature Flexibility	D1970	Pass
Installation Temperature		-4°C (25°F) and above
Adhesion to Plywood	AAMA 711 sec 5.3	3.2 Lbs/in. (560 N/m)
Adhesion to OSB	AAMA 711 sec 5.3	2.2 Lbs/in. (384 N/m)
Adhesion to Aluminum	AAMA 711 sec 5.3	7.1 Lbs/in. (1240 N/m)
Adhesion to Vinyl	AAMA 711 sec 5.3	7.3 Lbs/in. (1276 N/m)
MD - Elongation MD	D2523	100%
CD - Elongation CD	102523	100%
Mold Growth	G-21	0 Fungal Growth

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.

1. Allow poured concrete to properly cure (28 days). Peel adhesion of Membrane to concrete is measured at a rate of 50 mm/min at 22°C (71.6°F).

2. Test conducted at 3.25 mm.

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

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