

BrushSeal™ HB-600-BR

Modified Elastomeric Bitumen Emulsion

TECHNICAL DATA SHEET BSHB062525NNA01

DESCRIPTION

BrushSeal™ HB-600-BR is an elastomeric coating for roofs, decks, metal surfaces and more. BrushSeal™ HB-600-BR offers waterproofing, corrosion protection and weather resistance. BrushSeal is a cold-applied product that creates a durable, leak-proof membrane that expands and contracts as weather conditions change. This highly versatile product can be used for a variety of applications both indoors and outdoors, and is easily applied using a brush, roller or squeegee.

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 all waterproofing and corrosion protection purposes
- Elongates more than 850%, with 96% recovery
- Can withstand temperature changes and surface shifts without cracking
- The product self-heals if it is punctured
- Adheres to almost any material, including wood, metal, foam, concrete and tile
- Environmentally friendly, and free of toxins and VOCs

INSTALLATION



BRUSH APPLIED

APPLICATION

- Corrosion Protection
- Waterproofing
- Roofing
- Damp Proofing
- Mold Proofing

HEALTH SAFETY AND ENVIRONMENT

BrushSeal™ HB-600-BR 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.
- Temperature and humidity conditions will affect drying time.

For further information refer to NaturaSeal installation guides.

COMPONENTS

- PatchSeal PS-700-TG
- NS-200R Geotextile Fabric

STORAGE AND USE

- Ensure all pail 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 $\geq 32^{\circ}\text{C}$.
- Avoid storing or using the product in temperatures $\leq 5^{\circ}\text{C}$.



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
40 Mils	22

BrushSeal™ HB-600-BR is completely cured in 12-48 hrs. This curing time may vary depending on temperature and relative humidity.

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.

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.

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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
Specific Gravity (liquid)	Approx. 1.0
Odour	None
VOC	Contains no solvents
Colour	Brown to black
% Solids (wt.)	62%
Viscosity, Brookfield, sp. #55, 20 rpm	8,000-9,000
pH	10-12

TECHNICAL INFORMATION

Performance (Cured Membrane)	ASTM Method	Typical Results
Colour		Black
Specific Gravity (g/cm³)		Approx. 1.0
Chemical Resistance	D1308 - 20	No significant changes were observed. See chemical resistance chart for further information.
Water Tightness After Impact		Passed (no leakage)
Water Tightness	CGSB 37-GP-56	Zero leakage
Biological Resistance	E154, 0412	Passed (>90% original value)
Impact Resistance (23°C/73.4°F, lbs)	CGSB 37-GP-500	Passed (168)
Tensile Strength (psi)	D412	90
Elongation (%)	D412-16	864
Accelerated Weathering	G155, 0 412	Passed (no deterioration of film)
Tensile Strength		Passed (>90% original value)
Hardness, durometer type 00		85-87
Adhesion to concrete	C907	765 kPa
Hardness	D2246	50 Type A
Puncture Resistance	CGSB 37-GP-56	No perforations
Water Vapour Permeance* (Method-B- Water Method) (perms)	E96, E96M-24a	0.062
Recovery (%)	D412-16	96
Low Temperature Flexibility @ -30°C / -22°F	D5147/D5147M-18	No cracks were observed
Nail Sealability	D1970, D1970M-21	Pass
Crack Bridging Ability @ 3.2mm	C1305/C1305M-16(2023) C836/C836M-18(2022)	After 10 cycles of testing in 3.2 mm up-and-down movement, No sign of cracks, loss of adhesion or any other type of failure was observed.

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



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