

PatchSeal™ PS-700-TG

Trowel Applied, Elastomeric Coating

TECHNICAL DATA SHEET PS700062525NNA01

DESCRIPTION

PatchSeal™ PS-700-TG is an elastomeric asphalt emulsion designed for application by trowel or caulking tube. Superior qualities of strength, durability, elasticity and adhesion.

PatchSeal™ PS-700-TG is a modified asphalt emulsion designed for use in a variety of applications. It is easily applied using a trowel or caulking tube, and it can be used both indoors and outdoors.

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

PatchSeal cures within one or two days, depending on the temperature, conditions and relative humidity.

PatchSeal has a thicker consistency than the SpraySeal and BrushSeal products. It is perfect for patching and preparing surfaces.

It can be used to fill gaps of 1/8 inch or larger prior to using other NaturaSeal products.

PatchSeal is environmentally friendly, safe and easy to use.

INSTALLATION



TROWEL APPLIED

APPLICATION

Corrosion Protection

Waterproofing

Roofing

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

PatchSeal™ PS-700-TG is completely cured in 48 hrs. This curing time may vary depending on temperature and relative humidity.

HEALTH SAFETY AND ENVIRONMENT

PatchSeal™ PS-700-TG 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.
- Temperature and humidity conditions will affect drying time.

For further information refer to NaturaSeal installation guides.

COMPONENTS

- BrushSeal HB-600-BR
- NS-200R Geotextile Fabric

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.

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

- PatchSeal™ PS-700-TG cures by evaporation, so it should not be used in temperatures below 4.5°C (40.1°F).
- Apply to surfaces that are free of clean and dry.
- The product should not be used in high humidity, or when there is a high probability of rain.

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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

Property	Typical Results
Specific Gravity	Approx. 1.0
Odour	None
VOC	Contains no solvents
Colour	Brown to Black
% solids (wt.)	63-68%
Viscosity, Brookfield, sp. #5, 20 rpm	20,000-30,000
pH	10-12

TECHNICAL INFORMATION

Performance (Cured Membrane)	Test Method	Typical Results
Chemical resistance		Resistant to most inorganic solutions. Not recommended for gasoline or other petroleum products. Consult chemical resistance chart for further information.
Biological resistance	ASTM E154, ASTM O412	Passed (90% original value)
Water tightness after impact	CGSB 37-GP-56	Passed (no leakage)
Water tightness		Zero leakage
Tensile strength	ATSM O412, psi	50
Elongation (%)		300
Accelerated weathering	ASTM G 155, O 412	Passed (no deterioration of film)
Tensile strength		Passed (>90% Original Value)
Hardness	Ourometer type OO, ASTM D2246	85-90, 50 Type A
Adhesion to concrete	ASTM C907	765 kPa
Puncture resistance	CGSB 37-GP-56	No perforations

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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