

DampSeal™ E500 DPE

Cold Fluid-Applied, Rubberized Bitumen Emulsion Protective Coating

TECHNICAL DATA SHEET E500DPE0525NBCM04
SUPERSEDES E500DPE0125NBCM03

DESCRIPTION

DampSeal™ E500 DPE is a rubberized bitumen emulsion supplied as a brown liquid which dries to form a black, flexible coating

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

- Free of volatile organic compound
- Eco-friendly
- Solvent free and odorless
- Cold-applied, Non flammable and non toxic
- Fast curing to form a continuous membrane
- Seamless monolithic, no vulnerable joints
- Excellent adhesion to most substrate

INSTALLATION



BRUSH APPLIED

APPLICATION

- Damproofing
- Footings and other Buried elements
- Facade Barrier

HEALTH SAFETY AND ENVIRONMENT

DampSeal™ E500 DPE 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.
- Do not apply when temperatures are below 5 °C.
- Temperature and humidity conditions will affect drying time.

For further information refer to NaturaSeal installation guides.

SHELF LIFE

Material will have a 24-month shelf life if stored in a dry and properly ventilated space, protected from the elements or any harmful substances.

STORAGE AND USE

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



COVERAGE

DampSeal™ E500 DPE has a coverage rate of 1 to 3 m² / L per coat, depending on the porosity of the surface.

DampSeal™ E500 DPE is recommended to be applied in 2 coats on a temperature between 5°C to 45°C.

For equipment, application and coverage rate 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, 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.

SUSTAINABILITY

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



NATURASEAL BUILDING & CONSTRUCTION MATERIALS LLC

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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	DampSeal™ E500 DPE
Odor	None
Color	Brown to black
Packaging	20 L Pail or 200 L Drum

TECHNICAL INFORMATION

Property	Standard	DampSeal™ E500 DPE
Viscosity	-	15 - 25 poises
Specific gravity	-	0.90 - 0.93
Polymer content	-	10 ± 1%
Solids content	-	35 ± 2 %
Drying time	-	3 hours @ 35 °C
Recoat time	-	6 hours @ 35 °C

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.

PIONEERING THE FUTURE TODAY

AFFILIATES



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