BITUME®
HOT MELT

WATERPROOFING
COMPLIMENTARY PRODUCT

PRODUCT DATA SHEET

TECHNICAL DATA SHEET 67142012ME001
SUPERSEDES: TECHNICAL DATA SHEET SMZERO-190507SME1E001

DESCRIPTION

BITUME® HOT MELT is made by blowing air through the bituminous mass at elevated temperature between 250 °C and 300 °C to increase its physical properties with an exothermic oxidation reaction. The air blowing process incurs a high index to the blown asphalt whereby both the penetration grade and softening point determine the product's grade. BITUME® HOT MELT is produced in two grades 85/25 and 115/15. A coat of SOPRADERE HT primer is required prior to application of concrete substrates. Do not heat with direct flame.

STORAGE & HANDLING

Must be stored away from source of ignition. Wear necessary Personal Protective Equipment.

USER APPLICATION

BITUME® HOT MELT can be used in single ply or 2-ply, vertically and horizontally in substructure and superstructure applications. All the application guidelines are described in SOPREMA® Technical Manuals in force.

ADVANTAGES

- Chemically stable
- Water resistant
- Highly flexible and durable

SHELF LIFE

Material will have a 12 months shelf life if stored in a dry and properly ventilated area, sheltered from the elements or any harmful substances. Material shall be adequately protected from environmental impacts to the properties or the performance of the membrane.

HEALTH, SAFETY & ENVIRONMENT

The product does not contain any substance likely to be detrimental to health or to the environment and complies with generally admitted Health & Safety Requirements. For further information please refer to relevant Material Safety Data Sheet (MSDS).

TRACEABILITY

Product traceability is ensured through a manufacturing identification present on the packaging.

QUALITY MANAGEMENT

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality Management Systems in line with ISO 9001:2015.

SOPREMA

SOPREMA FOR MANUFACTURING WATERPROOFING MATERIALS L.L.C.
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BITUME®
HOT MELT

COMPOSITION & PACKAGING

PROPERTY	BITUME® HOT MELT 85 / 25	BITUME® HOT MELT 115 / 15	UNITS / PALLET
Pail	18 kg	18 kg	36 PAILS
Drum	180 kg	180 kg	4 DRUMS
OXI Box (Corrugated Box with laminated silicon) L 510 mm x W 310 mm x H 220 mm	25 kg	25 kg	48 BOX (Truck load) 40 BOX (Ocean freight)

CONFORMITY	B.S. 3690: part 2, and ASTM D312, Type III & Type IV

TECHNICAL PROPERTIES

PROPERTY	STANDARDS	BITUME HOTMELT 85 / 25	BITUME HOTMELT 115 / 15
Softening point	ASTM D36	80 - 90 °C	110 - 120 °C
Penetration @ 25 °C	ASTM D5	25 ± 5 dmm	15 ± 5 dmm
Loss of heating for 5 hr. at 163 °C, loss by mass % (max.)	BS 2000 Part 45	0.2 %	0.2 %
Solubility in T.C.E. % by max (Min.)	BS 4690	99.5 %	99.5 %

Note: All products manufactured by SOPREMA comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.
Data is represented by average values, unless noted otherwise.
All values are nominal.

TESTING AND CERTIFICATIONS

SUSTAINABILITY AND ENVIRONMENT

This product can contribute to obtaining LEED credits

eco struction

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