TECHNICAL DATA SHEET

n° WPBFR214/b cancels and replaces **WPBFR214/a**

MAMMOUTH NEO CAP

MAMMOUTH NEO CAP is a weldable waterproofing membrane with a composite polyester / glass reinforcement and **TPU polymer** – 75% bio sourced thermoplastic polyurethane, derived from european-origin vegetable oil.
The topside is protected by black sand and the underside is covered by a thermofusible.

User application

MAMMOUTH NEO CAP is used as second layer of two-ply **MAMMOUTH NEO** waterproofing systems with a first layer **MAMMOUTH NEO BASE SI**. To be used outside only.

All the applications are described in Technical Approvals or **SOPREMA**'s Technical Guidelines in force.

Composition

	MAMMOUTH NEO CAP
Reinforcement	Composite polyester / glass
Binder	Mammouth neo
Thickness On overlap	2,0 mm (-5 % ; +5 %)
Topside	Black sand
Underside	Thermofusible film
Overlap	≥ 60 mm

Packaging

	MAMMOUTH NEO CAP
Dimensions of the roll	10 m x 1 m
Weight of the roll	about 27 kg
Storage	Upright on pallet with plastic wrapping – Do not stack
Roll lengths are given with a tolerance of ≤ 1 %. Roll can be cut in two parts. In this case, the shortest length is 2 meters and the total length is equal to the nominal length. Width of roll is given with a tolerance of 1% (UEAtc). Rolls must be stored upright on flat ground. Pallets may be stacked to a maximum of two high with separating layer. During storage, protect the rolls against moisture. In cold weather, we recommend that the rolls be kept at a minimum temperature of + 2°C (+ 36 °F) for at least 5 hours before installation.	

Tel: + 33 (0) 3 88 79 84 84 – Fax. : + 33 (0) 3 88 79 84 85
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Characteristics (off CE marking)

	MAMMOUTH NEO CAP
Static puncture resistance (NF P 84-352) - with **MAMMOUTH NEO BASE SI**	≥ 25 kg (L4)
Dynamic puncture resistance (NF P 84-353) - with **MAMMOUTH NEO BASE SI**	≥ 10 J (D2)
Possible FIT classification with **MAMMOUTH NEO BASE SI**	F5 I4 T3

Installation

MAMMOUTH NEO CAP must be applied only by heat welding or torch-on techniques.

Hot bitumen must not be used in the bonding process.

Special indications

Hygiene, health and environment:

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

Traceability:

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

Quality control:

SOPREMA has always attached the highest importance to the quality of its products, to the respect of environment and men.
For this reason, we apply an integrated management of the Quality and Environment certified **ISO 9001** and **ISO 14001**.

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CE marking

1119

MAMMOUTH NEO CAP

SOPREMA
14 rue de Saint-Nazaire – CS 60121
67025 STRASBOURG cedex

11
Construction Product Regulation (CPR)
Declaration of Performance : DoP n° WPBFR214
Certificate of Factory Production Control : 1119-CPR-13132.

EN 13707

Membrane composed of **Mammouth neo binder** and composite polyester/glass reinforcement.
Topside is covered by black sand and underside is protected by a thermofusible film.
Dimensions : 10 m x 1 m x 2,0 mm.
Applied by torch-on techniques.

Essential characteristics	Performances	Harmonised Technical Specification
Classification for external fire exposure (Note 1)	F_{ROOF} (t1,t2,t3,t4)	EN 13707:2004 + A2:2009
Reaction to fire	E	
Watertightness	Conform	
Tensile properties : Tensile strength L x T (N / 50 mm) Elongation L x T (%)	 ≥ 450 x 300 20 x 20	
Root resistance	NPD	
Resistance to static loading (kg)	10	
Resistance to impact (mm)	600	
Resistance to tearing (N)	≥ 150	
Joint strength Peel resistance of joints (N / 50 mm) Shear resistance of joints (N / 50 mm)	 NPD NPD	
Durability Flow resistance at elevated temperature after ageing	 100°C	
Flexibility at low temperature	-20°C	
Dangerous substances (Notes 2 and 3)	Complies	

Note 1 : Since external fire performance depends on the other components of the roof build-up, no performance can be given.
Note 2 : This product does not contain asbestos or tar constituents.
Note 3 : Since there is no European test method available, no performance declaration for leaching behavior can be made. It must be made according to national rules in force in the place of use.

Additional characteristics	MAMMOUTH NEO CAP
	MLV*
Flow resistance at elevated temperature (EN 1110)	100 °C
Dimensional stability (EN 1107-1)	0,3 %
*MLV = Manufacturer's Limiting Value: Minimum value as started by the manufacturer to be met during testing of type, internal quality control or external supervision with a confidence level of 95 %	

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