

MAMMOUTH 40 TV CUIVRE

MAMMOUTH 40 TV CUIVRE is an oxidized bitumen waterproofing membrane with a composite glass grid/glass fleece reinforcement (according to NF P 84.303). The topside is protected by an embossed copper foil and the underside is covered by a thermofusible film.

User application

MAMMOUTH 40 TV CUIVRE is used as cap sheet in all waterproofing systems.

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

Composition

	MAMMOUTH 40 TV CUIVRE
Reinforcement	Composite glass grid/glass fleece
Binder	Oxidized bitumen
Poids	about 4,5 kg / m ²
Thickness (indicative) MDV ⁽¹⁾ according to 13707 Minimum on overlap	3,9 mm (± 0,2 mm) 3,9 mm (± 0,2 mm)
Topside	Embossed copper foil – thickness 50μ (-0,015 mm)
Underside	Thermofusible film
Overlap	≥ 60 mm
⁽¹⁾ MDV = Manufacturer's Declared Value	

Packaging

	MAMMOUTH 40 TV CUIVRE
Dimensions of the roll	10 m x 1 m
Weight of the roll	about 45 kg
Storage	Upright on pallet with plastic wrapping
Roll lengths are given with a tolerance of < 1 %. Width of roll is given with a tolerance of 1% (UEAtc). Rolls must be stored upright on flat ground. 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.	



TECHNICAL DATA SHEET



n° WPBEX218/b cancels and replaces WPBEX218/a

Installation

MAMMOUTH 40 TV CUIVRE is applied by torch-on techniques.

Maximum roll length of **MAMMOUTH 40 TV CUIVRE** is 4 meters when applied on roof.

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**.

CE marking

 1119
MAMMOUTH 40 TV CUIVRE SOPREMA 14 rue de Saint-Nazaire – CS 60121 67025 STRASBOURG cedex 06 Construction Product Regulation (CPR) Declaration of Performance : DoP n° WPBEX218 Certificate of Factory Production Control : 1119-CPR-13132, 13133, 13134.
EN 13707 Membrane composed of oxidized bitumen and a composite glass grid/glass fleece reinforcement. Topside is covered with embossed copper foil and the underside is covered by a thermofusible film. Dimensions 10 m x 1 m x 3,9 mm (4,5 kg/m ²). Applied by torch-on techniques. Finishing layer.

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 (%)	≥ 600 x 600 2 x 2	
Root resistance	NPD	
Resistance to static loading (kg)	5	
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	70°C	
Flexibility at low temperature	0°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 40 TV CUIVRE
	MLV*
Flow resistance at elevated temperature (EN 1110)	80 °C
Dimensional stability (EN 1107-1)	0,1 %
*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 %	