

MAMMOUTH 40 VR

Description

MAMMOUTH 40 VR is a flexible oxidized bitumen waterproofing membrane with glass fleece reinforcement (according to NF P 84.314).

The topside is protected by fine sand and the underside by a thermofusible film.

Composition

	MAMMOUTH 40 VR
Reinforcement	Glass fleece (100g/m ²)
Binder	Oxidized bitumen Maximum filler 40 % Minimum mass of pure bitumen : 2100 g/m ²
Thickness	3.0 mm ±0.2
Weight	about 3,8 kg/m ²
Topside	Fine sand
Underside	Thermofusible film

Characteristics

	MAMMOUTH 40 VR	
	MDV ¹	MLV ²
Tensile Strength (EN 12311-1)		
-longitudinal	600 N/ 5cm	350 N/ 5cm
-transverse	400 N/ 5cm	300 N/ 5cm
Elongation (EN 12311-1)		
-longitudinal	≥ 3 %	≥ 2 %
-transverse	≥ 3 %	≥ 2 %
Low temperature flexibility (EN 1109)	No observed cracks at - 5°C	No observed cracks at 0°C
Flow resistance at high temperature (EN 1110)	90°C (<2mm)	80°C (<2mm)

⁽¹⁾MDV = Manufacturer's determined value: An arithmetic mean value of a minimum number of independent measurements.

⁽²⁾MLV = Manufacturer's limiting value: Minimum or maximum 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 %.

Packaging

	MAMMOUTH 40 VR
Roll dimensions	10 m x 1 m
Roll weight	about 38 kg
Storage	Upright on pallet with plastic wrapping, protected against moisture

Roll lengths are given with a tolerance of $\leq 1\%$. Roll can be cut in two parts. In this case, the shortest length is 3 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.

User application

MAMMOUTH 40 VR is to be used as a first or secondary layer under protection in all two-ply elastomeric, plastomeric or oxidized bitumen waterproofing systems.

All the applications are described in French Standards DTU, Technical Guidelines or Technical Approvals. For further details refer to specific technical information.

Installation

MAMMOUTH 40 VR must be applied only by heat welding or torch-on techniques for the underside (film).

Upperface will be laid by torch-on techniques, hot bitumen or by cold bonding **SOPRACOLLE 300 N** onto a compatible surface

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.

Quality control:

SOPREMA has always attached the highest importance to Quality Control.


For this reason, we operate an independently monitored Quality Assurance System in compliance with **BS EN ISO 9001: 2008**, certified by **BSI Management System**.



CE Marking

MAMMOUTH 40 VR is a flexible membrane for roof waterproofing and complies with EN 13707, thereby bearing the CE standard marking.

General information concerning the CE marking, expressed in MLV, can be found below. For more information, please refer to the relevant Declaration of Conformity.

 CSTB 0679	
<p><u>MAMMOUTH 40 VR</u> SOPREMA S.A.S. B.P. 60121 – 14, rue de St-Nazaire 67025 STRASBOURG CEDEX 1 06 Certificate of Factory Production Control 0679-CPD-0130 / 0679-CPD-0133 0679-CPD-0343 / 0679-CPD-0393 0679-CPD-0602</p>	
<p><u>EN 13707</u> Membrane composed of oxidized bitumen and a glass fleece reinforcement. Topside is covered with fine sand and underside with a thermofusible film. Dimensions : 10 m x 1 m x 3,0 mm (3,8 kg/m²). Membrane is not to be used for single layer application. Thermofusible film cannot be laid with hot bitumen. Underlayer or top layer under additional protection.</p>	
Classification for external fire exposure (EN 13501-5)	NPD
Reaction to fire (EN 13501-1)	E
Tensile Strength in longitudinal direction (EN 12311-1)	350 N/ 5cm
Tensile Strength in transverse direction (EN 12311-1)	300 N/ 5cm
Elongation in longitudinal direction (EN 12311-1)	2 %
Elongation in transverse direction (EN 12311-1)	2 %
Low temperature flexibility (EN 1109)	0 °C
Flow resistance at high temperature (EN 1110)	80 °C
Watertightness (EN 1928)	Conform