

ELASTOVAP

ELASTOVAP is a SBS elastomeric bitumen waterproofing membrane with a glass fleece reinforcement. The topside is protected by fine sand and the underside is covered by a thermofusible film.

User application

ELASTOVAP is used as vapour-barrier on concrete, wood or cellular concrete.
ELASTOVAP allows to lay insulation boards with cold-applied adhesive or hot bitumen.

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

Composition

	ELASTOVAP
Reinforcement	Glass fleece
Binder	Elastomeric bitumen : blend of selected bitumen and SBS* thermoplastic polymers
Thickness MDV ⁽¹⁾ according to 13970 On overlap	2,5 mm (-0 % ; +10 %) 2,6 mm (-5 % ; +5 %)
Topside	Fine sand
Underside	Thermofusible film
Overlap	≥ 60 mm
*According to UEAtc directives concerning the normalization of waterproof elastomeric SBS bitumen coverings (¹) MDV = Manufacturer's Declared Value	

Packaging

	ELASTOVAP	
Dimensions of the roll	Standard* 7 m x 1 m	Export 10 m x 1 m
Weight of the roll	about 25 kg	about 32 kg
Storage	Upright on pallet with plastic wrapping	
Roll lengths are given with a tolerance of ≤ 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.		

*Prevents from the arduousness for roofers on worksite

Characteristics (off CE marking)

	ELASTOVAP
	MLV*
Flow resistance at elevated temperature (EN 1110)	100°C
*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 %	
Classification of emission for volatile substances in indoor air	A+

Installation

ELASTOVAP must be applied only by heat welding or torch-on techniques: fully adhered, loose laid (welded joints), semi loose laid on perforated screen, or nailed on wood (welded joints).

ELASTOVAP can't be bonded with hot bitumen or with cold-applied adhesive neither.

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


<p>ELASTOVAP</p> <p>SOPREMA 14 rue de Saint-Nazaire – CS 60121 67025 STRASBOURG cedex</p> <p>07 Declaration of Performance: DoP n° WPBFR103</p>
<p style="text-align: center;">EN 13970</p> <p>Membrane composed of modified elastomeric bitumen and a glass fleece reinforcement. Topside is covered by fine sand and underside is covered with a thermofusible film. Dimensions: 10 m or 7 m x 1 m x 2,5 mm.</p> <p>Membrane is used as vapour barrier under insulation boards. Must be applied only by heat welding or torch-on techniques.</p>

Essential characteristics	Performances	Harmonised Technical Specification
Reaction to fire	E	EN 13970:2004
Watertightness	Conform	
Tensile properties : Tensile strength L x T (N / 50 mm) Elongation L x T (%)	≥ 250 x 150 2 x 2	
Resistance to impact (mm)	400	
Shear resistance of joints (N/50 mm)	≥ 150	
Flexibility at low temperature	-16°C	
Resistance to tearing (N)	≥ 50	
Durability (resistance to humidity) Against artificial ageing Against chemicals	Conform NPD	
Properties of water vapour transmission (resistance to humidity)	≥ 6,9 10⁴	
Dangerous substances (Notes 1 and 2)	Complies	

Note 1 : This product does not contain asbestos or tar constituents.

Note 2 : 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.