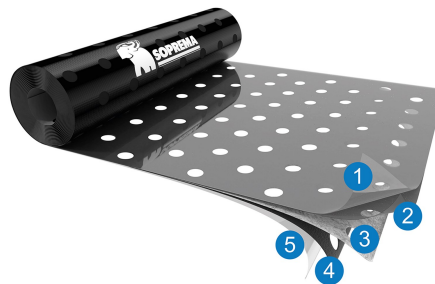


# NOVA-PER

WPBIT0573.b

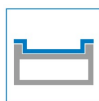
<b>DESCRIPTION</b>	NOVA-PER is a plastomeric modified bitumen perforated membrane (APP), industrially manufactured by impregnation of the special perforated fiberglass reinforcement with the waterproofing compound based on distilled bitumen modified with polyolefin polymers. The special fiberglass reinforcement, the hole are about 15% of the total area, conveys good mechanical characteristics and elastic performance. Shaping of sheets, straightness, dimensional and surface uniformity are accomplished by hot calendering of the mass at hot melt fluid state. The upper and lower surface are coated with a thermo-fusible polyolefin film.
<b>FIELD OF APPLICATION</b>	NOVA-PER is suitable as first layer in waterproofing systems with controlled semi-bonding conditions. Improve the dimensional stability, create an lower homogeneous chamber under layer, improve the fatigue resistance of the waterproof system are valid examples of the design application of this product. It can be applied onto every substrate (concrete, masonry, wood, insulation panel, membrane, etc.). The mechanical characteristics and high level thermo-dynamic stability make it suitable for any climate conditions.
<b>METHOD OF INSTALLATION</b>	The membrane is spread on the support by putting the sheets together and subsequent membranes are applied by torch-on system. During this operation, the total adhesion of the waterproofing mantle towards the NOVA-PER is achieved simultaneously, and the adhesion in "controlled semi-adhesion" for regular points of the same sealing mantle on the support. The surface of adhesion to the support constitutes approx. 15% of the total area. NOVA-PER must only be used for flame applications and not used with oxidized bitumen coatings. In particular situations, it could be applied with appropriate sealants or mechanical fastenings. The application of the membrane must be carried in good weather conditions and after the substrate has been adequately cleaned and prepared.
<b>PACKING AND STORAGE</b>	The product is packed as standing rolls on wooden pallets wrapped with thermoshinking protective hoods. Rolls must be stored in the upright position, without stacking the pallets to avoid deformations which can compromise the correct application of the membrane. The product must be stored indoor, protected from heat and frost.

1. Torch-off film
2. Waterproofing mass
3. Reinforcement with hole
4. Waterproofing mass
5. Torch-off film



## TECHNICAL DATA

	Norm	Value	Unit	Tolerance
Weight	EN1849-1	1,1	(kg/m <sup>2</sup> )	±10%
Roll length	EN1848-1	30	(m)	-1%
Roll width	EN1848-1	1	(m)	-1%
Straightness	EN1848-1	PASSED	-	20 mm / 10 m
Heat flow resistance	EN1110	130	(°C)	≥
External fire performance (note 1)	EN1187/EN13501-5+A1	Froof	Class	-
Visible defects	EN1850-1	PASSED	-	-
Durability: Flow resistance at elevated temperature after artificial ageing	EN1296/EN1110	120	(°C)	-10
Substances dangereuses (notes 2 and 3)	-	CONFORMS	-	-



Base sheet  
in multi-  
layers  
systems



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