

DECLARATION OF PERFORMANCE

N. WPBIT0011

Unique identification code of the product-type: **NOVAGUM HP MINERAL**

Intended use/es: **Flexible sheets for waterproofing. Reinforced bitumen sheets for roof waterproofing (EN13707:2013)**
Flexible sheets for waterproofing. Bitumen damp proof sheets including bitumen basement tanking sheets (EN13969:2004 /A1:2006)

Manufacturer: **SOPREMA s.r.l**
Via Industriale dell'Isola,3 24040 CHIGNOLO D'ISOLA (BG) - Italy
www.soprema.it

Authorised representative: **not applicable**

System/s of AVCP: **SYSTEM 2+**

Harmonised standard: **EN13707:2013**
EN13969:2004 /A1:2006

Notified body/ies: **Notified Body No. 1381**
SGS ITALIA S.P.A.

Declared performance/s:

Essential characteristic	Test method	Performance	Harmonised technical specification
Flexibility at low temperature (pliability) (°C)	EN1109	</= -25	EN13707:2013; EN13969:2004 /A1:2006
Watertightness (kPa)	EN1928-B	>/= 400	
Tensile properties: maximum tensile strength (N/50 mm)	EN12311-1	-20% 1200 1000	
Tensile properties: elongation at break (%)	EN12311-1	-15 40 40	
Resistance to tearing (nail shank) (N)	EN12310-1	-30% 200 200	
Shear resistance of joints (N/50 mm)	EN12317-1	-20% 1200 1000	
Resistance to static puncture (kg)	EN12730-A	>/= 25	
Resistance to impact (mm)	EN12691-A	>/= 1500	
Reaction to fire	EN11925-2/EN13501 -1+A1	NPD	

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Declared performance/s:

Essential characteristic	Test method	Performance	Harmonised technical specification
Dimensional stability (%)	EN1107-1	<= ±0,3 ±0,3	EN13707:2013
Peel resistance of joints (N/50 mm)	EN12316-1	-20 200 200	
External fire performance (note 1)	EN1187/EN13501-5+ A1	Froof	
Determination of adhesion of granules (Loss) (%)	EN12039	<30 PASSED	
Visible defects	EN1850-1	PASSED	
Durability: Flexibility at low temperature after artificial ageing (°C)	EN1296/EN1109	+15 -25	
Durability: Flow resistance at elevated temperature after artificial ageing (°C)	EN1296/EN1110	-10 90	
Determination of hail resistance (on rigid support) (m/s)	EN13583	57	
Determination of hail resistance (on soft support) (m/s)	EN13583	19	

Essential characteristic	Test method	Performance	Harmonised technical specification
Durability: Watertightness after artificial ageing (kPa)	EN1296/EN1928-B	>= 60 PASSED	EN13969:2004 /A1:2006
Durability: Watertightness against chemicals	EN1296/EN1847	NPD	

Note (1): external fire performance depends on the complete system used on the layer, no performance can be declared for the single product.

Note (2): in the absence of European harmonized test methods, verification and declaration on release/content will be made taking into account national provisions

Note (3): Dangerous substances free

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Sig. BROCCANELLO Bruno, Managing Director
Chignolo d'Isola, 01/10/2017



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