

DECLARATION OF PERFORMANCE

N. WPBIT0071

Unique identification code of the product-type: **NOVATOP 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)
Flexible sheets for waterproofing. Underlays for discontinuous roofing (EN13859-1:2014)

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+,SYSTEM 3**

Harmonised standard: **EN13707:2013**
EN13969:2004 /A1:2006
EN13859-1:2014

Notified body/ies: **Notified Body No. 1381**
SGS ITALIA S.P.A.
Notified Body No. 1211
TUM

Declared performance/s:

Essential characteristic	Test method	Performance	Harmonised technical specification
Flexibility at low temperature (pliability) (°C)	EN1109	</= -20	EN13707:2013; EN13969:2004 /A1:2006
Watertightness (kPa)	EN1928-B	>/= 60	
Tensile properties: maximum tensile strength (N/50 mm)	EN12311-1	-20% 850 750	
Tensile properties: elongation at break (%)	EN12311-1	-15 45 45	
Resistance to tearing (nail shank) (N)	EN12310-1	-30% 200 200	
Shear resistance of joints (N/50 mm)	EN12317-1	-20% 850 750	
Resistance to static puncture (kg)	EN12730-A	>/= 20	
Resistance to impact (mm)	EN12691-A	>/= 1250	
Reaction to fire	EN11925-2/EN13501 -1+A1	E	

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Declared performance/s:

Essential characteristic	Test method	Performance	Harmonised technical specification
Dimensional stability (%)	EN1107-1	$\leq \pm 0,3 \pm 0,3$	EN13707:2013
Peel resistance of joints (N/50 mm)	EN12316-1	-20 50 50	
External fire performance (note 1)	EN1187/EN13501-5+ A1	Froof	
Visible defects	EN1850-1	PASSED	
Durability: Flexibility at low temperature after artificial ageing (°C)	EN1296/EN1109	+15 -20	
Durability: Flow resistance at elevated temperature after artificial ageing (°C)	EN1296/EN1110	-10 130	

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	

Essential characteristic	Test method	Performance	Harmonised technical specification
Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat: Tensile strength (N/50 mm)	EN1296/EN12311-1	NPD	EN13859-1:2014
Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat: Elongation (%)	EN1296/EN12311-1	NPD	
Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat: Watertightness	EN1296/EN1928-A	W1	

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

