

# DECLARATION OF PERFORMANCE

N. WPBIT0158

Unique identification code of the product-type:	<b>SOPRASUN P MINERAL</b>
Intended use/es:	<b>Flexible sheets for waterproofing. Reinforced bitumen sheets for roof waterproofing (EN13707:2013)</b> <b>Flexible sheets for waterproofing. Bitumen damp proof sheets including bitumen basement tanking sheets (EN13969:2004 /A1:2006)</b>
Manufacturer:	<b>SOPREMA s.r.l</b> <b>Via Industriale dell'Isola,3 24040 CHIGNOLO D'ISOLA (BG) - Italy</b> <b>www.soprema.it</b>
Authorised representative:	<b>not applicable</b>
System/s of AVCP:	<b>SYSTEM 2+</b>
Harmonised standard:	<b>EN13707:2013</b> <b>EN13969:2004 /A1:2006</b>
Notified body/ies:	<b>Notified Body No. 1381</b> <b>SGS ITALIA S.P.A.</b>

Declared performance/s:

Essential characteristic	Test method	Performance	Harmonised technical specification
Flexibility at low temperature (pliability) (°C)	EN1109	</= <b>-5</b>	<b>EN13707:2013; EN13969:2004 /A1:2006</b>
Watertightness (kPa)	EN1928-B	>/= <b>100</b>	
Tensile properties: maximum tensile strength (N/50 mm)	EN12311-1	-20% <b>500 300</b>	
Tensile properties: elongation at break (%)	EN12311-1	-15 <b>35 35</b>	
Resistance to tearing (nail shank) (N)	EN12310-1	-30% <b>150 150</b>	
Shear resistance of joints (N/50 mm)	EN12317-1	-20% <b>500 300</b>	
Resistance to static puncture (kg)	EN12730-A	<b>NPD</b>	
Resistance to impact (mm)	EN12691-A	<b>NPD</b>	
Reaction to fire	EN11925-2/EN13501 -1+A1	<b>E</b>	

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Declared performance/s:

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Dimensional stability (%)	EN1107-1	<=/= <b>±0,3 ±0,3</b>	<b>EN13707:2013</b>
External fire performance (note 1)	EN1187/EN13501-5+A1	<b>Froof</b>	
Determination of adhesion of granules (Loss) (%)	EN12039	<30 <b>PASSED</b>	
Visible defects	EN1850-1	<b>PASSED</b>	
Durability: Flexibility at low temperature after artificial ageing (°C)	EN1296/EN1109	<b>NPD</b>	
Durability: Flow resistance at elevated temperature after artificial ageing (°C)	EN1296/EN1110	-10 <b>100</b>	

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

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

