

# DECLARATION OF PERFORMANCE

## N. WPBIT0180

Unique identification code of the product-type: **NOVABIT**

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. Bitumen water vapour control layers (EN13970:2004 /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+,SYSTEM 3**

Harmonised standard: **EN13707:2013**  
**EN13969:2004 /A1:2006**  
**EN13970:2004 /A1:2006**

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	</= <b>-5</b>	<b>EN13707:2013; EN13969:2004 /A1:2006; EN13970:2004 /A1:2006</b>
Watertightness (kPa)	EN1928-B	>/= <b>60</b>	
Tensile properties: maximum tensile strength (N/50 mm)	EN12311-1	-20% <b>500 350</b>	
Tensile properties: elongation at break (%)	EN12311-1	>/= <b>2 2</b>	
Resistance to tearing (nail shank) (N)	EN12310-1	<b>NPD NPD</b>	
Shear resistance of joints (N/50 mm)	EN12317-1	-20% <b>500 350</b>	
Resistance to static puncture (kg)	EN12730-A	<b>NPD</b>	
Resistance to impact (mm)	EN12691-A	>/= <b>300</b>	
Reaction to fire	EN11925-2/EN13501-1+A1	<b>E</b>	

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Declared performance/s:

Essential characteristic	Test method	Performance	Harmonised technical specification
Water vapour transmission properties (μ)	EN1931	<b>294.000</b>	<b>EN13707:2013</b>
External fire performance (note 1)	EN1187/EN13501-5+A1	<b>Froof</b>	
Visible defects	EN1850-1	<b>PASSED</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>	

Essential characteristic	Test method	Performance	Harmonised technical specification
Durability: Resistance to water vapour after artificial ageing (μ)	EN1296/EN1931	± 50 % v.i. <b>PASSED</b>	<b>EN13970:2004 /A1:2006</b>
Durability: Chemical resistance (μ)	EN1847/EN1931	± 50 % v.i. <b>PASSED</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

