

DECLARATION OF PERFORMANCE

N° **INSBE0037**

Unique identification code of the product type: **SOPRATHERM G**
 Intended use(s): **Thermal insulation for buildings**
 Manufacturer: **SOPREMA nv
 Bouwelven 5 – 2280 Grobbendonk
 Belgium**
 System(s) of AVCP: **System 3**
 Harmonised standard: **EN 13165:2012+A2:2016**
 Notified body/ies: **0836 - 2137**
 Declared performances

Essential characteristics	Performances	Test standard	Harmonised technical specification
Thermal conductivity - λ_D (W/(mK))	25-70 mm: 0,027 80-110 mm: 0,025 120-150 mm: 0,024	EN 12667	EN 13165:2012 + A2:2016
Thermal resistance - R_D (m ² .K/W)	25-70 mm: 0,90-2,55 80-110 mm: 3,20-4,40 120-150 mm: 5,00-6,25	EN 12667	
Thickness - d_N (mm)	T2	EN 823	
Reaction to fire	E	EN 13501-1	
Durability of reaction to fire against heat, weathering, ageing/degradation	E ¹	EN 13501-1	
Durability of thermal resistance against heat, weathering, ageing/degradation			
Thermal conductivity - λ_D (W/mK)	25-70 mm: 0,027 80-110 mm: 0,025 120-150 mm: 0,024	EN 12667	
Thermal resistance - R_D (m ² .K/W)	25-70 mm: 0,90-2,55 80-110 mm: 3,20-4,40 120-150 mm: 5,00-6,25	EN 12667	
- Dimensional stability (%)	DS(70,90)4	EN 1604	
- Deformation under specified compressive load and temperature conditions (%)	NPD	EN 1605	
Compressive strength	CS(10\Y)150	EN 826	
Tensile strength perpendicular to faces kPa	TR80	EN 1607	
Compressive creep	NPD	EN 1606	
Water permeability			
- Short term water absorption	NPD	EN 1609	
- Long term water absorption by immersion	NPD	EN 12087	
- Flatness after partial immersion	NPD	EN 825	
Water vapour transmission μ	NPD	EN 12086	
Acoustic absorption index	NPD	EN 354	
Continuous glowing combustion	NPD ²	-	
Dangerous substances	NPD ²	-	

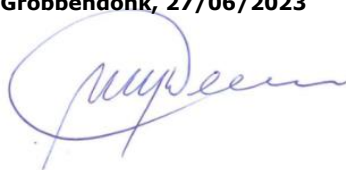
NPD = no performance determined

1) the fire performance does not deteriorate with time

2) in the absence of European harmonized test methods, verification and declaration on release and content has to be done taking into account national provisions in the place of use

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: **Marnix Derks, Technical Director**
Grobbendonk, 27/06/2023



SOPREMA NV reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.