

Unique identification code of the product type: **SOPRAGLASS PB V 3 TF**

Intended use(s): **Reinforced bituminous sheet for roof waterproofing
Bitumen water vapour control layer**

Manufacturer: **Soprema NV
Bouwelven 5 - 2280 Grobbendonk
Belgium**

System(s) of AVCP: **system 2+ (EN 13707)
system 3 (EN 13970)**

Harmonised standard: **EN 13707:2004 + A2:2009
EN 13970:2004 + A1:2006**

Notified body/ies: **0749**

Declared performances

Essential characteristics	Performances	Test standard	Harmonised standard
External fire performance (note 1)	F _{ROOF} (t1, t2, t3, t4)	EN 13501-5	EN 13707:2004 + A2:2009
Resistance to root penetration	NPD	EN 13948	
Resistance to static loading (kg)	NPD	EN 12730-A	
Joint properties: peel resistance (N/50 mm)	NPD	EN 12316-1	
Behaviour after artificial aging durability UV, heat and water flow resistance at elevated temperature (°C) flexibility at low temperature (°C)	NPD NPD NPD	EN 1296 + EN 1297 EN 1110 EN 1109	
Reaction to fire	E	EN 13501-1	EN 13707:2004 + A2:2009
Watertightness (kPa/24 h)	≥10	EN 1928	
Tensile strength: longitudinal (N/50 mm) transversal (N/50 mm)	350 ± 20 % 200 ± 20 %	EN 12311-1	
Elongation at maximum tensile strength: longitudinal (%) transversal (%)	NPD NPD		
Resistance to impact (mm)	NPD NPD	EN 12691-A EN 12691-B	
Resistance to tearing (nail shank) (N)	NPD	EN 12310-1	EN 13970:2004 + A1:2006
Joint properties: shear resistance (N/50 mm)	NPD	EN 12317-1	
Flexibility at low temperature (°C)	≤ -5	EN 1109	
Dangerous substances (note 2)	note 3	-	
Durability of water vapour resistance: after artificial ageing after chemicals exposure	NPD NPD	EN 1296 - EN 1931 EN 1847 - EN 1931	
Water vapour diffusion equivalent (m)	150 ± 20 %	EN 1931	

NPD = no performance determined

1) since external fire performance depends on the other components of the roof build-up, no performance can be given

2) this product does not contain asbestos or tar constituents

3) 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, 8/07/2020



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.