

DECLARATION OF PERFORMANCE

N° WPSIT0050

Unique identification code of the product-type:	FLAGON SP
Intended uses:	PVC membrane for waterproofing of roofings (not UV exposed application) (EN 13956:2012)
Manufacturer:	SOPREMA srl Via Industriale dell'Isola, 3 24040 CHIGNOLO D'ISOLA (BG) – Italia www.soprema.it
Authorised representative:	Not applicable
Systems of AVCP:	System 2+
Harmonised standard:	EN 13956:2012
Notifies bodies:	Notified Body No. 1085 OFI Technologie & Innovation GmbH
Declared performances:	

Essential characteristics	Test method	Performance	Harmonised technical specification
External fire performance	EN 13501-5	F_{ROOF}	EN 13956:2012
Reaction to fire	EN ISO 11925-2 EN 13501-1	E	
Watertightness	EN 1928 met. B	pass	
Tensile properties: - Tensile strength (N/mm ²) - Elongation (%)	EN 12311-2 met.B EN 12311-2 met.B	≥ 9,0 ≥ 200	
Resistance to impact (mm) thickness 1,2 mm thickness 1,5 mm thickness 1,8 mm thickness 2,0 mm thickness 2,4 mm	EN 12691 met. A	≥ 450 ≥ 800 ≥ 900 ≥ 1250 ≥ 1500	
Resistance to static loading (kg)	EN 12730	≥ 20	
Tear resistance (N) thickness 1,2 mm thickness 1,5 mm thickness 1,8 mm thickness 2,0 mm thickness 2,4 mm	EN 12310-2	≥ 110 ≥ 135 ≥ 160 ≥ 170 ≥ 200	
Joint strength: - Peel resistance (N/50mm) - Shear resistance (N/5cm) thickness 1,2 mm thickness 1,5 mm thickness 1,8 mm thickness 2,0 mm thickness 2,4 mm	EN 12316-2 EN 12317-2	≥ 200 > 430 > 540 > 640 > 720 > 720 break out joint	
Foldability at low temperature	EN 495-5	≤ -25°C	
Resistance to root	EN 13948	resistant	
Durability: Exposure to UV radiation, elevated temperature and water	EN 1297	no UV resistant	
Dangerous substances	-	conforms	



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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: **Mr. BROCCANELLO Bruno, Managing Director**
Chignolo d'Isola, 01/10/2017