

# DECLARATION OF PERFORMANCE

N° WPSIT0048

Unique identification code of the product-type: **FLAGON SFc  
FLAGON SFc Energy Plus (white version)**

Intended uses: **PVC membrane for waterproofing of roofing (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	<b>F<sub>ROOF</sub></b>	<b>EN 13956:2012</b>
Reaction to fire	EN ISO 11925-2 EN 13501-1	<b>E</b>	
Watertightness	EN 1928 met. B	<b>pass</b>	
Tensile properties: - Tensile strength (N/5cm) thickness 1,2 mm thickness 1,5 mm thickness 1,8 mm thickness 2,0 mm thickness 2,4 mm - Elongation (%)	EN 12311-2 met.A  EN 12311-2 met.A	<b>≥ 650</b> <b>≥ 700</b> <b>≥ 800</b> <b>≥ 900</b> <b>≥ 1100</b> <b>≥ 80</b>	
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	<b>≥ 450</b> <b>≥ 800</b> <b>≥ 900</b> <b>≥ 1250</b> <b>≥ 1500</b>	
Resistance to static loading (kg)	EN 12730	<b>≥ 20</b>	
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	<b>≥ 150</b> <b>≥ 170</b> <b>≥ 180</b> <b>≥ 200</b> <b>≥ 220</b>	
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	<b>≥ 200</b>  <b>&gt; 520</b> <b>&gt; 560</b> <b>&gt; 640</b> <b>&gt; 720</b> <b>&gt; 720</b> break out joint	
Foldability at low temperature	EN 495-5	<b>≤ -25°C</b>	
Resistance to root	EN 13948	<b>resistant</b>	
Durability: Exposure to UV radiation, elevated temperature and water	EN 1297	<b>grade 0</b>	
Dangerous substances	-	<b>conforms</b>	



# DECLARATION OF PERFORMANCE

**N° WPSIT0048**

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**