

Unique identification code of the product-type: **FLAGON SFb**  
**FLAGON SFb 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>≥ 700</b> <b>≥ 800</b> <b>≥ 950</b> <b>≥ 1000</b> <b>≥ 1200</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>≥ 500</b> <b>≥ 900</b> <b>≥ 1000</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>≥ 200</b> <b>≥ 250</b> <b>≥ 270</b> <b>≥ 300</b> <b>≥ 330</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; 560</b> <b>&gt; 640</b> <b>&gt; 760</b> <b>&gt; 800</b> <b>&gt; 800</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>	

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, 19/10/2020**

