



# DECLARATION OF PERFORMANCE



No. WPSIT0047

1 – Unique identification code of the product-type:

**WPSIT0047**

2 - Identification of the construction product as required pursuant to Article 11(4) of Regulation (EU) No. 305/2011:

**FLAGON SFb**

3 - Intended use or uses of the construction product:

**PVC membrane for waterproofing of roofings (EN 13956:2012)**

4 – Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5) of Regulation (EU) No. 305/2011:

**FLAG S.P.A.**  
**Via Selvapiana, 1**  
**03020 VILLA SANTO STEFANO (FR)**  
**www.soprema.it – www.flag-on.com**

5 – Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of Regulation (EU) No. 305/2011:

**Not applicable**

6 – System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V of Regulation (UE) No. 305/2011:

**SYSTEM 2+**

7 – Case of the declaration of performance concerning a construction product covered by a harmonised standard:

**The ofi CERT (Notified Body No. 1085):**  
**- has performed the verification of the system of factory production control according to the system 2+**  
**- has issued the certificate of conformity of the factory production control no. 1085-CPR-0018.**

8 – Case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**Not applicable**



**Flag S.p.A. - SOPREMA GROUP**

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9 – Declared performance:

Essential characteristics	Performance	Test method	Harmonised technical specification
External fire performance	<b>F<sub>ROOF</sub></b>	EN 13501-5	<b>EN 13956:2012</b>
Reaction to fire	<b>E</b>	EN ISO 11925-2 EN 13501-1	
Watertightness	<b>pass</b>	EN 1928 met. 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 (%)	<b>≥ 700</b> <b>≥ 800</b> <b>≥ 950</b> <b>≥ 1000</b> <b>≥ 1200</b> <b>≥ 80</b>	EN 12311-2 met.A     EN 12311-2 met.A	
Resistance to impact (mm)  thickness 1,2 mm thickness 1,5 mm thickness 1,8 mm thickness 2,0 mm thickness 2,4 mm	<b>≥ 500</b> <b>≥ 900</b> <b>≥ 1000</b> <b>≥ 1250</b> <b>≥ 1500</b>	EN 12691 met. A	
Resistance to static loading (kg)	<b>≥ 20</b>	EN 12730	
Tear resistance (N)  thickness 1,2 mm thickness 1,5 mm thickness 1,8 mm thickness 2,0 mm thickness 2,4 mm	<b>≥ 200</b> <b>≥ 250</b> <b>≥ 270</b> <b>≥ 300</b> <b>≥ 330</b>	EN 12310-2	
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	<b>≥ 200</b> <b>&gt; 560</b> <b>&gt; 640</b> <b>&gt; 760</b> <b>&gt; 800</b> <b>&gt; 800</b> <b>break out joint</b>	EN 12316-2   EN 12317-2	
Foldability at low temperature	<b>≤ -25°C</b>	EN 495-5	
Resistance to root	<b>resistant</b>	EN 13948	
Durability: Exposure to UV radiation, elevated temperature and water	<b>grade 0</b>	EN 1297	
Dangerous substances	<b>conforms</b>	-	

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10 – The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Chignolo d'Isola, 10 April 2014  
Managing Director, Mr. BROCCANELLO Bruno  
Flag S.p.A.

