

### DESCRIPTION

Synthetic PVC-P membrane obtained by cast process, dimensionally stabilized by glass fiber and coupled on the back sheet with 200 g/m<sup>2</sup> TNT polyester.

Manufactured in a plant certified UNI EN ISO 9001 (Quality management system) and UNI EN ISO 14001 (environmental management system).

Setting performed by applicators approved by Flag S.p.A.

Finishing and accessories composed by elements produced and approved by Flag S.p.A.

### FEATURES

- Weatherproof and UV resistance
- Dimensional stability
- Resistant to puncturing
- RAL colouring available on request for landscape or architectural purposes

### AREA OF USE

#### ROOFING

- Total adherence on horizontal surfaces for:
  - gluing on insulating panels
  - gluing on concrete ceilings
  - gluing on existing waterproofing covering

### PROPERTIES

	SFc 1,20	SFc 1,50	SFc 1,80	SFc 2,00	SFc 2,40	Test method
Thickness (mm)	1,20	1,50	1,80	2,00	2,40	EN 1849-2
Weight (kg/m <sup>2</sup> )	1,70	2,00	2,35	2,60	3,10	EN 1849-2
Tensile strength (N/5cm)	≥ 650	≥ 700	≥ 800	≥ 900	≥ 1100	EN 12311-2
Elongation to break (%)	≥ 80	≥ 80	≥ 80	≥ 80	≥ 80	EN 12311-2
Tear resistance (N)	≥ 150	≥ 170	≥ 180	≥ 200	≥ 220	EN 12310-2
Resistance to impact (mm)	≥ 450	≥ 800	≥ 900	≥ 1250	≥ 1500	EN 12691
Cold bending (°C)	≤ - 25	≤ - 25	≤ - 25	≤ - 25	≤ - 25	EN 495-5
Hydrostatic pressure resistance (6 hours at 0.5 Mpa)	waterproof	waterproof	waterproof	waterproof	waterproof	EN 1928 met. B
Dimensional stability after 6 hours at 80°C	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	EN 1107-2
Resistance to artificial weathering (UV)	no surface cracking	no surface cracking	no surface cracking	no surface cracking	no surface cracking	EN 1297
Resistance to roots penetration	no penetration	no penetration	no penetration	no penetration	no penetration	EN 13948
Resistance to static punching (kg)	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20	EN 12730
Fire resistance	E	E	E	E	E	EN ISO 11925-2 EN 13501-1

### PRODUCTION STANDARD

Thickness	1,20 mm	1,50 mm	1,80 mm	2,00 mm	2,40 mm	
Width	m 1,60	m 1,60	m 1,60	m 1,60	m 1,60	
Number of rolls on each pallet	16	16	12	12	12	
Length	m 20	m 20	m 20	m 20	m 20	
Colour (surface / underside)	LIGHT GREY / TNT					

**System data sheet:** • 2b4-2b5; exposed not-accessible roofing • 4b2; refurbishment of existing waterproofing

### CE MARKING

Unique identification code of the product-type: WPSIT0048

FLAGON SFc membranes are produced by the FLAG Spa factory (SOPREMA group) in Villa Santo Stefano are CE marked no.1085-CPR-018 in accordance with EN 13956:2012.

Due to its formulation, the liner is NOT subject to the requirements set forth in the CLP Regulation (EC) No 1272/2008 and EU n° 487/2013 and subsequent amendments on dangerous substances. If the product should be disposed of as a waste, we recommend sending it to an authorised landfill site or to an incinerator equipped with post-combustion chamber and fumes washing system.

The data herewith indicated, apart from those required by EC branding, are not exhaustive and Flag SpA may modify them without previous notice. Flag SpA, has the right to modify the product at any time and without previous notice, in any of its aspect, and to stop its production.

Flag SpA reserves the right, as technology and know-how progress, to modify without warning the composition and conditions of use of its materials, and subsequently their price. As a result, orders shall only be accepted on the basis of the terms and technical specifications applicable at the time of receipt.