

## ST.EN 00.107-12.00

### COMPOSITION

Synthetic membrane of plasticized PVC reinforced with a polyester mesh and coupled on the back sheet with a non-woven polyester felt of 200 g/m<sup>2</sup>.

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

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

This product may contribute in getting credits for LEED accreditation.

### FEATURES

- Resistant to wind stress
- High resistance to weathering and UV rays
- High mechanical resistance
- Insensible to hot-cold cycles
- Resistant to puncturing
- RAL colouring available for landscape or architectural purposes

### AREA OF USE

#### ROOFING

- Exposed roof, with mechanical fastening system

## PROPERTIES

		SRF 120	SRF 150	SRF 180	SRF 200	Test method
Thickness	(mm)	1,20	1,50	1,80	2,00	UNI EN 1849-2
Weight	(kg/m <sup>2</sup> )	1,70	2,00	2,35	2,60	UNI EN 1849-2
Tensile strength	(N/5cm)	≥ 1100	≥ 1100	≥ 1100	≥ 1100	UNI EN 12311-2
Elongation to break	(%)	≥ 15	≥ 15	≥ 15	≥ 15	UNI EN 12311-2
Tear resistance	(N)	≥ 200	≥ 200	≥ 200	≥ 200	UNI EN 12310-2
Impact resistance on rigid support	(mm)	≥ 450	≥ 800	≥ 900	≥ 1250	UNI EN 12691
Cold bending	(°C)	≤ - 25	≤ - 25	≤ - 25	≤ - 25	UNI EN 495-5
Hydrostatic pressure resistance (6 hours at 0,5 Mpa)		waterproof	waterproof	waterproof	waterproof	UNI EN 1928 met. B
Dimensional stability (6 hours at 80°C)		≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	UNI EN 1107-2
Resistance against artificial weathering (UV)		no surface cracking	no surface cracking	no surface cracking	no surface cracking	UNI EN 1297
Resistance to roots penetration		no penetration	no penetration	no penetration	no penetration	UNI EN 13948
Hail resistance (rigid support)	(mm)	≥ 25	≥ 25	≥ 25	≥ 25	UNI EN 13583
Resistance to static punching	(kg)	≥ 20	≥ 20	≥ 20	≥ 20	UNI EN 12730

## PRODUCTION STANDARD

Thickness	1,20 mm	1,50 mm	1,80 mm	2,00 mm	
Width	1,60 m	1,60 m	1,60 m	1,60 m	
Length	20 m	20 m	20 m	20 m	
Colour	LIGHT GREY				

*Due to its formulation, the liner is NOT subject to the requirements set forth in the EEC 79/831 regulation 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.*



Certification EC in compliance with standard EN 13956 – no. 1085 –CDP - 0018