

COMPOSITION

Synthetic PVC-P membrane dimensionally stabilized by glass fiber, not resistant to UV rays.

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.

FEATURES

- Dimensional stability
- Resistant to puncturing
- Not resistant against UV rays
- Adaptability to structural movements
- Flexibility at low temperatures
- Red warning colour

AREA OF USE

ROOFING

- Ballasted on horizontal surfaces
 - With foot path finishing (tiles)
 - With roof garden
 - Cold roof
 - Sandwich roof

PROPERTIES

	SP 150	SP 180	SP 200	SP 240	Test method
Thickness (mm)	1,50	1,80	2,00	2,40	UNI EN 1849-2
Weight (kg/m ²)	1,80	2,15	2,40	2,90	UNI EN 1849-2
Tensile strength (N/mm ²)	≥ 9,0	≥ 9,0	≥ 9,0	≥ 9,0	UNI EN 12311-2
Elongation to break (%)	≥ 200	≥ 200	≥ 200	≥ 200	UNI EN 12311-2
Tear resistance (N)	≥ 135	≥ 160	≥ 170	≥ 200	UNI EN 12310-2
Resistance to impact (mm)	≥ 800	≥ 900	≥ 1250	≥ 1500	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 after 6 hours at 80°C	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	UNI EN 1107-2
Resistance to roots penetration	no penetration	no penetration	no penetration	no penetration	UNI EN 13948
Resistance to static punching (kg)	> 20	> 20	> 20	> 20	UNI EN 12730

PRODUCTION STANDARDS

Thickness	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	
Length	m 20	m 20	m 20	m 20	
Colour	RED				

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