

Technical Data Sheet N° WPSIT0050-14.04

DESCRIPTION

Synthetic PVC-P membrane obtained by cast process and 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 applicators 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 with fixed and mobile ballast:
 - pedestrian roofing
 - roof gardens

PROPERTIES

	SP 1,50	SP 1,80	SP 2,00	SP 2,40	Test method
Thickness (mm)	1,50	1,80	2,00	2,40	EN 1849-2
Weight (kg/m ²)	1,80	2,15	2,40	2,90	EN 1849-2
Tensile strength (N/mm ²)	≥ 9,0	≥ 9,0	≥ 9,0	≥ 9,0	EN 12311-2 met.B
Elongation to break (%)	≥ 200	≥ 200	≥ 200	≥ 200	EN 12311-2 met.B
Tear resistance (N)	≥ 135	≥ 160	≥ 170	≥ 200	EN 12310-2
Resistance to impact (mm)	≥ 800	≥ 900	≥ 1250	≥ 1500	EN 12691 met.A
Cold bending (°C)	≤ - 25	≤ - 25	≤ - 25	≤ - 25	EN 495-5
Hydrostatic pressure resistance (6 hours at 0.5 Mpa)	waterproof	waterproof	waterproof	waterproof	EN 1928 met.B
Dimensional stability after 6 hours at 80°C	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	EN 1107-2
Resistance to roots penetration	no penetration	no penetration	no penetration	no penetration	EN 13948
Resistance to static punching (kg)	≥ 20	≥ 20	≥ 20	≥ 20	EN 12730
Fire resistance	E	E	E	E	EN ISO 11925-2 EN 13501-1

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	
Number of rolls on each pallet	23	23	18	18	
Length	m 20	m 20	m 20	m 20	
Colour (surface / underside)	RED / DARK GREY				

CE MARKING

Unique identification code of the product-type: WPSIT0050

FLAGON SP 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.