

Technical Data Sheet N° WPSIT0048.a
 Cancels and replaces WPSIT0048-18.03

DESCRIPTION

Synthetic PVC-P membrane obtained by cast process, dimensionally stabilized by glass fiber and coupled on the back sheet with 200 g/m² non-woven geotextile.

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 Soprema srl. Finishing and accessories composed by elements produced and approved by Soprema srl.

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 or sloped 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 ²) | 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 1,65 | m 1,65 | m 1,65 | m 1,65 | m 1,65 | |
| 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 / geotextile | | | | | |

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 company SOPREMA srl 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° 4877/2013 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 Soprema srl may modify them without previous notice. Soprema srl, has the right to modify the product at any time and without previous notice, in any of its aspect, and to stop its production. Soprema srl 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.