

SABIT - SOP

Introduction:

SABIT - SOP is an oxidized bitumen membrane with a non-woven polyester reinforcement, surface from both side with thermo fusible plastic film. **SABIT - SOP** has been specially developed to allow simplicity of installation by using torch-on application.

TECHNICAL DATA

| 1 | Properties | Typical Result | | Test Method | Tolerance | Method |
|----|--|----------------|--------|---------------------------|-----------|------------|
| | | | | | | |
| 1 | Roll size, m | 10 | 10 | ASTM D 5147 | ≥ | EN 1848-1 |
| 2 | Thickness, mm | 3 or 4 | 3 or 4 | ASTM D 5147 | ±5% | EN 1849-1 |
| 3 | Unit Weight (Plain), kg/m ² | 3 or 4 | 3 or 4 | ASTM D 5147 | ±10% | EN 1849-1 |
| 4 | Carrier Polyester, g/m ² | 160 | 180 | UEAtc, M.O.A.T.30 | | |
| 5 | Softening Point (°C) | >105 | | ASTM D 36 | | |
| 6 | Penetration at 25°C, dmm | 15-30 | | ASTM D 5 | | |
| 7 | Cold Flexibility - °C | +5 to 0 | | UEAtc, M.O.A.T.30 | | |
| 8 | Tensile Strength 23±/-2 °C (N/5cm), Longitudinal, Tansverse | 600 | 750 | ASTM D 5147 ASTM D 146 | ±20 % | EN 12311-1 |
| | | 550 | 550 | | | |
| 9 | Elongation,%23±/-2 °C Longitudinal, Tansverse | 30 | 30 | ASTM D 5147 ASTM D 146 | ±15 % | EN 12311-1 |
| | | 40 | 40 | | | |
| 10 | Tear Resistance (N) Longitudinal, Tansverse | 400 | 500 | ASTM D 4073 | | |
| | | 320 | 350 | | | |
| 11 | Heat Resistance at 80 °C | No Flow | | ASTM D 5147 | | |
| 12 | Resistance of water pressure | No Leakage | | DIN 52123 | | |
| 13 | Water Absorption, % | <0.15 | | ASTM D 5147 | | |

Description:

SABIT - SOP range of oxidized bitumen waterproofing membranes are manufactured from high performance oxidized bitumen then coated onto a non-woven polyester mat to obtain a perfect tensile strength and tear resistance. The top and bottom surfaces are covered with a Thermofusible polythene film thus facilitating its installation using a propane torch.

SABIT - SOP forms an impervious, flexible and waterproofing blanket which accepts structural movement without breaking or cracking. The polyester core gives the membrane high tensile strength, elongation and superior lap joint strength.

SABIT - SOP is available in two basic finishes:

- Finish with polyethylene surfaces for covered application **SABIT - SOP**
- Granule surfacing for exposed application **SABIT - SOP-G**

Features:

- Durable and easy to apply
- Good resistance to fatigue and tear
- Impact and puncture resistance
- Reduces costs due to single layer installation



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