

## Data Sheet

### Sappi SBS Torch on Roofing Membrane



#### Description:

SBS Torch On Roofing Membranes are a range of bituminous membranes whose waterproofing compound is obtained using distilled bitumen modified with selected elastomeric polymers (Styrene-Butadiene-Styrene), 2000% elongation at break, 100% elastic return, excellent range of low temperature flexibility - 15° - 20° - 25°C below zero.

High plasticity and flexibility makes it suitable for use in the most adverse climate conditions and finest quality raw materials ensure an exceptional service life. The reinforcement used in the SBS Torch On Roofing Membranes range of elastomeric membranes represents the most advanced achievements of modern technology and when combined correctly they can satisfy every specific requirement of waterproofing. SBS Torch On Roofing Membrane is an isotropic, thermally bonded and rot proof non-woven Spunbond polyester carrier which gives the product excellent mechanical characteristics and stability.

High elasticity makes it perfect for all structures particularly subject to dimensional variations and wherever elasticity and resistance are required.

The SBS Torch On Roofing Membrane range is also available with glass-fibre mat reinforcement, which makes it rot proof and provides maximum dimensional stability.

#### Intended for Use On:

- Domestic civil and industrial roofs in multi layer systems.
- Concrete roofs (flat or curved), metal and timber decks.
- Warm or cold roofs.
- Underfloor, foundations, underground, tanking, terraces, canals.
- Undertiles or slates and re-roofing of existing coverings.
- The mineral version, with slate chippings is specifically used as a cap sheet.



#### Available Colours



# 20

## YEAR

### GUARANTEE

#### Application:

1. The deck surface should be prepared correctly (all the debris removed).
2. The surface should be coated with bitumen primer.
3. The rolls should be aligned, with lap joints of at least 8.5cms.
4. The membrane should be applied with an appropriate propane gas torch.
5. The end laps should be melted and refinished with a heated trowel. The lap should be 10cms.
6. If the bituminous membrane is not protected with chippings it should be coated with Sintal aluminium paint.



### Technical Data:

| Construction    | Weight/Thickness     | Roll size | Finish             | Application         |
|-----------------|----------------------|-----------|--------------------|---------------------|
| SBS/Polyester   | 4.5kg/m <sup>2</sup> | 1m x 8m   | Grey/Green Mineral | Cap sheet           |
| SBS/Polyester   | 4kg/m <sup>2</sup>   | 1m x 8m   | Sand Plain         | Cap sheet/ Underlay |
| SBS/Glass Fibre | 2mm                  | 1m x 16m  | Sand Plain         | Underlay            |

| SBS   | Method     | Unit  | Evermore                        |         |
|---|------------|-------|---------------------------------|---------|
| Reinforcement                               |            |       | Non woven Spunbond Polyester    |         |
| Tensile properties maximum force Long/Trans | EN-12311-1 | N/5cm | 750/500                         | 750/500 |
| Elongation at maximum force Long/Trans      | EN-12311-1 | %     | 40/40                           | 40/40   |
| Tear Resistance Long/Trans                  | EN-12310-1 | N     | 140/140                         | 140/140 |
| Static Loading resistance on hard support   | EN-12730   | Kg    | 15                              | 15      |
| Resistance to impact on hard support        | EN-12691   | mm    | 20                              | 20      |
| Low temperature Flexibility                 | EN-1109    | °C    | -15                             | -15     |
| Flow resistance at elevated temperature     | EN-1110    | °C    | 100                             | 100     |
| Dimensional Stability Long/Trans            | EN-1107-1  | %     | ≤ ± 0,5                         | ≤ ± 0,5 |
| Shear Resistance of Joints Long/Trans       | EN-12317-1 | N/5cm | ≥ 500 or breakage outside joint |         |
| Watertightness                              | EN-1928    | kPa   | 60                              | 60      |

