

WONDERBUILDS 2KG S SAND UNDERLAY

Glass fibre based SBS Modified Torch-On Underlay

Introduction & Product Description

High performance underlay composed of a reinforced glass core, coated with a specially formulated quick melt SBS modified bitumen.

Product Features

- High tensile glass base: Robust carrier material
- SBS modification: Low temperature flexibility
- Torch-on Application

Application

WonderBuilds 2kg S Sand Underlay glass reinforced materials can be used as an underlay in built up waterproofing systems or as vapour barriers on new built or refurbished flat roofs as well as part of overlay systems to existing asphalt waterproofing. Not recommended for use as single ply waterproofing.

WonderBuilds 2kg S Sand Underlay glass fibre membranes should be installed in accordance with BS 8217: 2005 Code of Practice for Reinforced bitumen membranes for roofing, constantly observing installation recommendations and guidance. Glass reinforced membranes are applied by traditional Torch – On methods on to previously prepared surface, clear of any debris or sharp projections, primers shall be used to prepare substrate for achieving most effective waterproofing longevity.

The membranes should be heated carefully ensuring the complete melt of dispersible film as work proceeds. Side laps must be a minimum of 75mm with end laps at minimum of 100 mm. The subsequent cap sheet layer should be offset 300 mm from the underlay to avoid buildup of overlaps.

Availability

| Product Name | Colour | Product Code | Roll Dimensions (m) | Weight (kg/m ²) |
|--|--------|--------------|---------------------|-----------------------------|
| WONDERBUILDS 2KG S SAND UNDERLAY | Black | WB2SSU | 16 x 1 | 2 |

Performance

| Essential Characteristics | Test Method | WonderBuilds 2kg S Sand Underlay |
|--|-------------------------------|----------------------------------|
| Length, m | EN 1848-1 | 16 ± 2% |
| Width, m | EN 1848-1 | 1 ± 1% |
| Straightness | EN 1848-1 | ≤ 1 MM/M |
| Weight of square meter, kg | - | 2 ± 7.5% |
| Visible Defects | EN 1850-1 | PASS |
| Water tightness | EN 1928 | PASS |
| Reaction to fire | EN 13501-1 | F |
| External fire performance | EN 13501-5 | Froof (t4) |
| Resistance to tearing, N | EN 12310-1 | 135 L / 140 T |
| Tensile strength, N/50mm | EN 12311-1 | 700 MD / 400 CD ± 20% |
| Elongation at maximum load | EN 12311-1 | 40% ± 2% |
| Resistance to static load, kg | EN 12730-A | ≥ 10 |
| Resistance to impact, mm | EN 12691 | ≥ 600 |
| Sheer resistance of joints, N/50mm | EN 12317-1 | NPD (> max load) |
| Flexibility at low temperatures, °C | EN 1109 | ≤ -4 |
| Flexibility at low temperatures after ageing, °C | BS EN 1296 (24 weeks at 70°C) | ≤ 9 |
| Flow resistance at elevated temperatures, °C | EN 1110 | ≥ 110 |
| Dimensional Stability | EN 1107-1 | ≤ 1% |

Further Information

View our full range of products at www.wonderbuilds.co.uk.

You can also contact us at 0208 208 2121, or at admin@wonderbuilds.co.uk.