

# WONDERBUILDS 2.5KG 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 2.5kg 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 2.5kg 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 minimum 75mm with end laps at minimum of 100 mm. The subsequent cap sheet layer should be offset 300 mm from the underlay to avoid build up of overlaps.

## Further Information

View our full range of products at [www.wonderbuilds.co.uk](http://www.wonderbuilds.co.uk).

You can also contact us at 0208 208 2121, or at [admin@wonderbuilds.co.uk](mailto:admin@wonderbuilds.co.uk).

## Availability

Product Name	Colour	Product Code	Roll Dimensions (m)	Weight (kg/m <sup>2</sup> )
WONDERBUILDS 2.5KG S SAND UNDERLAY	Black	WB25SSU	16 x 1	2.5

## Performance

Essential Characteristics	Test Method	WonderBuilds 2.5kg 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	-	2.5 ± 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%