# WONDERBUILDS 2.5KG T -20C SAND UNDERLAY

Torch-Applied, SBS Modified Bituminous Underlay

## Introduction & Product Description

**WONDERBUILDS 2.5KG T -20C SAND UNDERLAY** is an economical, high-performance glass-fibre based waterproofing membrane designed for use in built-up roofing systems to suit the requirements of both new build and remedial applications. It is an environmentally friendly material with excellent performance and economy characteristics, and it can be applied to a wide range of substrates. Torch-Applied, SBS Modified Bituminous Underlay.

## Product Features

- Low temperature flexibility at -20°C
- High resistance to foot marking
- Excellent quality glass-fibre reinforcement
- SBS modified bitumen coating formulated to ensure high performance

## Storage

Protect from direct sunlight and store upright.

## 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.

## Availability

| Product Name | Product Code | Roll Dimensions (m) | Weight ($kg/m^2$) |
|---|---|---|---|
| WONDERBUILDS 2.5KG T -20C SAND UNDERLAY | WB25TSU | 16 x 1 | 2.5 |

## Performance

| Essential Characteristics | Test Method | WONDERBUILDS |
|---|---|---|
| Length, m | TS EN 1848-1 | 16 ± 3cm |
| Width, m | TS EN 1848-1 | 1 ± 2cm |
| Straightness | TS EN 1848-1 | Pass |
| Weight of square meter, kg | TS EN 1849-1 | 2.5 ± 0.2 |
| Visible Defects | TS EN 1850-1 | None |
| Water tightness | TS EN 1928 (Method A & Method B) | PASS |
| Reaction to fire | TS EN 13501-1 | E |
| External fire performance | TS EN 13501-5 | NPD |
| Resistance to tearing, N | TS EN 12310-1 | 60 L / 90 T ± 30% |
| Tensile properties, N/50mm | TS EN 12311-1 | 400 L / 170 T ± 50% |
| Elongation, % | TS EN 12311-1 | 2 L / 2 T ± 15% |
| Flexibility at low temperature | TS EN 1109 | $-20^0$C |
| Peel resistance, N/50mm | EN 12316-1 | 20 ± 20% |
| Adhesion of granules | EN 12039 | NPD |
| Resistance to impact, mm | TS EN 12691 (Method A) | 500 |
| Durability of Watertightness Against Artificial Ageing | TS EN 1296 + EN 1928 | PASS |
| Durability of Watertightness Against Chemicals | TS EN 1847 + EN 1928 | PASS |
| Flow Resistance at Elevated Temperature | TS EN 1110 | $100^0$C |
| Shear Resistance | EN 12317-1 | 350 ± 20% |
| Result after aging / Flexibility at Low Temperature | TS EN 1296 + TS EN 1109 | $-20^0$C |
| Result after aging / Flow Resistance at Elevated Temperature | EN 1296 + EN 1110 | $100^0$C |
| Dangerous materials | - | None |