

# WONDERBUILDS 2.5KG T -20C FILM UNDERLAY

Torch-Applied, SBS Modified Bituminous Underlay

## Introduction & Product Description

**WONDERBUILDS 2.5KG T -20C FILM 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](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	Product Code	Roll Dimensions (m)	Weight(kg/m <sup>2</sup> )
WONDERBUILDS 2.5KG T -20C FILM UNDERLAY	WB25TFU	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 ± 20%
Flexibility at low temperature	TS EN 1109	-20°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
Resistance to Static Loading, kg	TS EN 12730 (Method B)	5
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°C
Shear Resistance	EN 12317-1	350 ± 20%
Result after aging / Flexibility at Low Temperature	TS EN 1296 + TS EN 1109	-20°C
Result after aging / Flow Resistance at Elevated Temperature	EN 1296 + EN 1110	100°C
Dangerous materials	-	None