

WONDERBUILDS 180 SANDED 20M

Polyester Based Preparation Layer for Built-Up Roofing Systems

Introduction & Product Description

WonderBuilds 180 Sanded 20M is a polyester based underlay, saturated and coated with SBS modified bitumen. The membrane is finished with fine grained sand on both sides to enable free laying of material and to prevent the roll from sticking together.

WonderBuilds 180 Sanded 20M is a polyester reinforced waterproofing membrane designed for use as an underlay in high performance built-up roofing systems to suit the requirements of both new build and remedial applications.

Upper surface: Fine mineral granules

Lower surface: Silica Sand

Material: Modified bitumen

Base carrier: 180g Spunbond Polyester

Product Features

- Excellent quality polyester reinforcement
- Incorporates SBS modified bitumen
- High durability in built up roofing systems
- High fatigue resistance
- Flexibility at -5°C

Application

WonderBuilds 180 Sanded 20M should be installed in accordance with manufacturer recommendations and all relevant national standards and codes of practice, including BS 8217: 2005 - the code of practice for reinforced bitumen membranes for roofing.

WonderBuilds 180 Sanded 20M is applied by traditional pour and roll methods or by mechanical fixing onto previously prepared surface. Substrates must be clear of any debris or sharp projections, and primers should be used as necessary to prepare the surface for achieving most effective waterproofing longevity.

The membrane should be rolled out behind poured hot or cold adhesive and spread to achieve continuous coating for the full width. Side laps must be minimum 7.5cm with end laps at minimum of 10cm. The subsequent capsheet layer should be offset 30cm from the underlay to avoid build-up of overlaps.

Storage

Store in a cool, dry place and protect from direct sunlight.

Health and Safety

Health and Safety should be observed at all times in accordance with HSE and industry guidance. Specific Risk Assessments and Method Statements should be produced by contractors where necessary to ensure Working at Heights, Fire Safety and Manual Handling rules are compliant with current law and regulations.

Availability

Product Name	Product Code	Roll Dimensions (m)	Weight (kg/m ²)
WONDERBUILDS 180 SANDED 20M	WB180S	20 x 1	1.8

Performance

Essential Characteristics	Test Method	WONDERBUILDS 180 SANDED 20M
Length, m	BS EN 1848-1	20
Width, m	BS EN 1848-1	1
Roll weight, kg	BS EN 1849-1	36
Mass per unit area, m ²	BS EN 1849-1	1.8
Visible defects	BS EN 1850-1	PASS
Water tightness	BS EN 1928-A	PASS
Straightness	BS EN 1848-1	PASS
Tensile strength, N/50mm	BS EN 12311-1	890 (LD) / 590 (TD)
Elongation at maximum load, %	BS EN 12310-1	38 (LD) / 46 (TD)
Resistance to tearing, N	BS EN 12310-1	150 (LD) / 140 (TD)
External fire performance	BS EN 13501-5	TROOF (t4)
Reaction to fire	BS EN 13501-1	CLASS F
Cold bend flexibility, °C	BS EN 1109	≤ -5
Flow resistance at elevated temp, °C	BS EN 1110	>90

Technical Service and Other Products

Specialist advice and information on other compatible products can be found at www.wonderbuilds.co.uk.