

## WONDERBUILDS POLYESTER SHED FELT

### Polyester Based Roofing Felt for Non-Habitable Buildings

#### Introduction & Product Description

WONDERBUILDS POLYESTER SHED FELT is a traditional bitumen roofing felt with a polyester base and a fine mineral finish. It is typically used on non-habitable buildings with a roof pitch of 20 degrees or above, such as garden sheds, kennels, and hutches. WonderBuilds Polyester Shed Felt offers a low temperature flexibility of -5°C.

#### Product Features

- Higher performance shed felt solution
- Quick and easy installation
- Ideal for all types of non-habitable garden buildings
- Attractive, fine mineral coloured finish
- Lasts up to 10 years

#### Preparation

Rolls of WonderBuilds Polyester Shed Felt should be handled with care to avoid damage. Application must always follow good, safe working practice and, prior to installation, the work area should be assessed to ensure that all works can be undertaken in a safe manner. Installation of WonderBuilds Polyester Shed Felt should ideally be carried out at temperatures over 10°C and must not be undertaken in wet or very cold weather. Before commencement of the roofing works, the installer should ensure that the surfaces to receive Polyester Shed Felt are sound, clean and dry. Any old roofing felt should be removed from existing roofs, with the roof structure checked for adequacy and strength prior to new work being undertaken. Any protruding nails should be removed, or hammered home where possible. Unroll the Polyester Shed Felt onto a clean, flat surface at least 30 minutes prior to installation as this assists with the final installation. It is not recommended to use lawn surfaces as the preparation area, as temporary yellowing of the grass can occur.

#### Application

Place the first strip of Polyester Shed Felt at the lowest part of the roof, so that it overhangs the eaves by 50mm, and over the gable edges of the roof by 50mm. Fix in position by nailing the top edge of the felt with galvanised clout nails at 500mm centres. Slowly and carefully fold overhangs over the edges of the roof, and nail at 50mm intervals. Corners should be folded and nailed to create a neat finish. Each subsequent sheet should be placed to achieve a 75mm overlap with the previous sheet and 50mm overhangs to gable edges. Fixing the upper edge and overhanging edges of each progressive sheet as before. Use a suitable roofing felt adhesive to bond the area of the overlapping sheets. Firmly press the surfaces together, and finish the joint by nailing at 50mm intervals. To finish the roof ridge, cut a capping strip 300mm wide. Fix to the ridge using a suitable roofing felt adhesive, and dress down the slope creating 150mm overlaps with the previous sheets on each slope. Nail the lower edges at 50mm intervals to each slope. Complete by fixing timber strips to the gable ends.

## Storage

Store rolls on end on a firm, clean base in a cool, dry place and protect from direct sunlight.

## Availability

Product Name	Product Code	Roll Dimensions (m)	Weight(kg/m <sup>2</sup> )
WONDERBUILDS POLYESTER SHED FELT	WBPSF01	10 x 1	2.1

## Performance

Essential Characteristics	Test Method	WONDERBUILDS POLYESTER SHED FELT
Length, m	BS EN 1848-1	10
Width, m	BS EN 1848-1	1
Roll weight, kg	BS EN 1849-1	21
Mass per unit area, m <sup>2</sup>	BS EN 1849-1	2.1
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	>500 (MD) / >320 (CD)
Elongation at maximum load, %	BS EN 12310-1	>20% (MD) / >5 (CD)
Resistance to tearing, N	BS EN 12310-1	>75 (MD) / >70 (CD)
External fire performance	BS EN 13501-5	NPD
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

## Quality Assurance

The product quality assurance goes here, e.g. "5U is manufactured following ISO 9001: 2008 Quality Management System and Environmental Management System approved to ISO 14001: 2004."

## Technical Service and Other Products

Specialist advice and information on other compatible products can be found at [www.wonderbuilds.co.uk](http://www.wonderbuilds.co.uk).