

PRODUCT DATA SHEET

Flexi-Shed Polyester

Characteristic	Test Method	Result
Roll length*	BS EN 1848-1	10m
Roll width**	BS EN 1848-1	1m
Weight***	BS EN 1849-1	21kg
Watertightness	BS EN 1928 method a.	PASS
Tensile strength:**** Longitudinal Transverse Elongation at maximum load: Longitudinal Transverse	BS EN 12311-1 BS EN 12311-1	570 N/50mm 430 N/50mm 36% 42%
Resistance to tearing:**** Longitudinal Transverse	BS EN 12310-1	130 N 120 N
Straightness	BS EN 1848-1	PASS
Visible Defects	BS EN 1850-1	PASS
External Fire Performance	BS EN 13501-5	F _{ROOF(t4)}
Reaction to Fire	BS EN 13501-1	F

*tolerance of >150mm
 **tolerance of +/-1.5%
 ***tolerance of +/-7.5%
 ****tolerance of +/-15%

PRODUCT COMPLIANCE

The product complies with **BS EN 13707:2004+A2:2009** and **CPR 305/2011/EU**. It is CE marked under the Factory Production Control Certificate number **0836-CPR-13/F049**.

STANDARD PRODUCT

Standard length and weigh is:

10m	21kg	49 rolls per pallet
20m	42kg	25 rolls per pallet

**Rose Roofing is continually investigating methods of improving both quality and performance and therefore reserves the right to change specifications and product composition without prior notice.*

Date of Issue: November 2019

PRODUCT USE

Primarily intended for use as an economical weatherproofing membrane for sheds, non-habitable garden buildings and animal shelters. The polyester carrier results in a stronger and more durable product compared with standard shed felt, it also increases life expectancy of the product although this varied greatly due to expose to weather elements and quality of installation.

COMPOSITION AND MANUFACTURE

The base carrier consists of a high strength polyester sheet which is coated both sides in modified bitumen. The coated material is finished with a fine mineral granule on one side to aid UV protection and a thin HDPE film lower surface on the reverse. The membrane is cut to roll length, wrapped and labelled according to specification and customer requirement.

INSTALLATION

Flexi-Shed Polyester can be used as a single layer, but for best performance install over a suitable underlay which should be nailed onto the substrate. The Shed felt should then be installed using clout nails and felt adhesive to seal the laps (75mm min). Start from the eaves (lengthwise), work upwards and finish with overlaying the ridge. When installed as a single layer the minimum pitch of the roof should be greater than 20 degrees. Membranes coated with oxidised bitumen remain flexible above 5°C. During colder periods care must be taken when handling and installing as to prevent cracking of the bitumen and damaging the membrane.

It is not recommended to use below 5°C.

STORAGE & HANDLING

Do not drag rolls across rough surfaces, they should be lifted. They should be stood on their end on a dry surface. If using pallets do not stack more than 2 high. Avoid mechanical damage and wet storage conditions. During colder periods it is recommended that rolls are stored at a temperature above 10°C for 24 hours prior to use, and not unrolled, folded or used in temperatures below 5°C.

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