



PRODUCT DATA SHEET

180 Polyester Felt

PRODUCT USE

Primarily intended for use as an in a traditional built up flat roof system for commercial and domestic buildings. It is fixed by using hot poured bitumen to form a bond over the underlay.

Life expectancy of the product varies greatly due to exposure to weather elements and also quality of installation.

COMPOSITION AND MANUFACTURE

The base carrier consists of high strength polyester which is saturated then coated both sides in a continuous operation using liquid bitumen's. The coated material is finished with a coarse green mineral granule to aid UV protection. The membrane is cut to roll length, wrapped and labelled according to specification and customer requirement.

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.

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**.

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STANDARD PRODUCTS

180 Polyester Capsheet	10mt	34kg	25 rolls per pallet
180 Polyester Sanded	20mt	36kg	25 rolls per pallet

Other lengths are available upon request dependent upon volume.

TECHNICAL PERFORMANCE DATA AS REQUIRED BY HARMONISED STANDARD BS EN 13707

		180 Polyester Capsheet	180 Polyester Sanded
Characteristic	Specific Test ref.	Result	Result
Roll length*	BS EN 1848-1	10m	20m
Roll width**	BS EN 1848-1	1m	1m
Weight***	BS EN 1849-1	34kg	36kg
Watertightness	BS EN 1928 method a.	PASS	PASS
Tensile strength:**** Longitudinal Transverse Elongation at maximum load: Longitudinal Transverse	BS EN 12311-1 BS EN 12311-1	950 N/50mm 650 N/50mm 38% 46%	950 N/50mm 650 N/50mm 38% 46%
Resistance to tearing:**** Longitudinal Transverse	BS EN 12310-1	235 N 235 N	235 N 235 N
Straightness	BS EN 1848-1	PASS	PASS
Visible Defects	BS EN 1850-1	PASS	PASS
External Fire Performance	BS EN 13501-5	F _{ROOF} (t4)	F _{ROOF} (t4)
Reaction to Fire	BS EN 13501-1	F	F

*tolerance of >150mm

**tolerance of +/-1.5%

***tolerance of +/-7.5%

****tolerance of +/-15%

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: June 2014

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