PRODUCT DATA SHEET
SBS 180 Polyester Capsheet

Characteristic	Test Method	Result
Roll length*	BS EN 1848-1	10m
Roll width**	BS EN 1848-1	1m
Weight***	BS EN 1849-1	34kg
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	 890 N/50mm 590 N/50mm 38% 46%
Resistance to tearing:**** Longitudinal Transverse	BS EN 12310-1	 150 N 140 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 34kg 25 rolls per pallet
*Other lengths are available upon request dependent upon volume.

Mineral Colours Available: Green, Red, Blue Grey, Mixed Brown, Charcoal.
Note: Field trials have indicated significant differences in the surface temperature between mineral finishes. Charcoal on average retained heat upto 10ºc higher than mixed brown. For superior UV protection the lighter mineral finishes have proved more effective.

**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: September 2019

PRODUCT USE

Primarily intended for use as a capsheet in a high performance traditional built up flat roofing 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 a high strength polyester which is saturated then coated both sides in a continuous operation using SBS modified bitumen. The coated material is finished with a fine mineral granule on one side to aid UV protection and sand on the reverse. The membrane is cut to roll length, wrapped and labelled according to specification and customer requirement.

INSTALLATION

HT Polyester capsheets are used as the final layer in an high performance traditional built up felt system. They are typically installed in a two or three layer system.
In a two layer system, both layers should be fully bonded using hot bitumen poured/mopped in front of the roll which is then unrolled into it, spreading it the full width to ensure complete adhesion. The side and end laps should be at least 75mm.
In a three layer system the underlay should be either mechanically fixed or partially bonded to the substrate, the intermediate and capsheet layers should then be fully bonded above. A guarantee of up to 20 years can be obtained by using within a built up roofing system, in accordance with Rose Roofing specifications.
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 usedin temperatures below 5°c.

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