

PRODUCT DATA SHEET

Fibre-Torch Capsheet

| Characteristic | Test Method | Result |
|--|------------------------------------|--|
| Roll length* | BS EN 1848-1 | 10m |
| Roll width** | BS EN 1848-1 | 1m |
| Weight*** | BS EN 1849-1 | 44kg |
| 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 | 490 N/50mm 300 N/50mm 3% 5% |
| Resistance to tearing:**** Longitudinal Transverse | BS EN 12310-1 | 175 N 180 N |
| Straightness | BS EN 1848-1 | PASS |
| Visible Defects | BS EN 1850-1 | PASS |
| Cold Bend Flexibility | BS EN 1109 | -5°C |
| Flow Resistance at Elevated Temperature | BS EN 1110 | 90°C |
| 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 weight is:
Fibre-Torch Capsheet 10m 44kg 20 rolls per pallet

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 10°C 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

Intended for use as the final capsheet in a traditional bituminous built-up torch applied roof system.

COMPOSITION AND MANUFACTURE

The base carrier consists of recycled rag fibre that is saturated then coated both sides with modified bitumen. The coated material is finished with a coarse mineral upper surface to aid UV protection and a thin HDPE film lower surface that melts during installation. The membrane is cut to roll length, taped and packaged according to specification and customer requirement.

INSTALLATION

Prior to setting the specification for a torch applied built up roof system Rose Roofing recommend considering the use of a hot bonded or mechanically fixed underlay / preparation layer to avoid the fire risks associated with direct torching onto combustible substrates. Rose Roofing also recommend that a thorough and comprehensive review assessing any combustion risk of the areas surrounding the detailing be carried out before torch applying materials to such areas.

Rose Roofing's Fibre-Torch capsheet is applied by torch-on application using a standard roofer's torch. The membrane should be heated carefully ensuring the film on the underside melts completely and there is a constant steady pool of hot bitumen across the whole sheet. Side laps must be a minimum of 75mm on sand finished products, and follow the manufactured mineral free seldedge on mineral capsheets. End laps should be a minimum of 150mm. When the Underlays and Capsheets are applied they should be offset on sides and ends over the underlay joints to prevent build up of overlaps, and ensure good bond strength evenly throughout the roof system.

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. Hydrocarbon solvent based products will have a damaging effect upon these membranes, care must be taken to prevent contact with each other.

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