



## PRODUCT DATA SHEET

### 350 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

|                        |     |      |                     |
|------------------------|-----|------|---------------------|
| 350 Polyester Capsheet | 8mt | 38kg | 25 rolls per pallet |
| 350 Polyester Sanded   | 8mt | 34kg | 25 rolls per pallet |

Other lengths are available upon request dependent upon volume.

**TECHNICAL PERFORMANCE DATA AS REQUIRED BY HARMONISED STANDARD BS EN 13707**

|  |                                    | <b>350 Polyester Capsheet</b>              | <b>350 Polyester Sanded</b>                |
|--|------------------------------------|--|--|
| <b>Characteristic</b>  | <b>Specific Test ref.</b>          | <b>Result</b>                              | <b>Result</b>                              |
| Roll length*   | BS EN 1848-1                       | 8m   | 8m   |
| Roll width**   | BS EN 1848-1                       | 1m   | 1m   |
| Weight***  | BS EN 1849-1                       | 38kg                                       | 34kg                                       |
| Watertightness   | BS EN 1928 method a.               | PASS                                       | PASS                                       |
| Tensile strength:****<br>Longitudinal<br>Transverse<br>Elongation at maximum load:<br>Longitudinal<br>Transverse | BS EN 12311-1<br><br>BS EN 12311-1 | 950 N/50mm<br>650 N/50mm<br><br>38%<br>46% | 950 N/50mm<br>650 N/50mm<br><br>38%<br>46% |
| Resistance to tearing:****<br>Longitudinal<br>Transverse   | BS EN 12310-1                      | 235 N<br>235 N                             | 235 N<br>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 <sub>ROOF(t4)</sub>                      | F <sub>ROOF(t4)</sub>                      |
| 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.