

# PRODUCT DATA SHEET

## 350 Polyester Underlay

### PRODUCT COMPLIANCE



BS EN 13707:2013

Construction Products (Amendment Etc.) (EU Exit) Regulations 2019

UK 0836-CPR-13/F049

|               |                         |
|---------------|-------------------------|
| Upper Surface | Silica Sand             |
| Lower Surface | Silica Sand             |
| Material      | Modified bitumen        |
| Base Carrier  | 350g Spunbond Polyester |

| Characteristic                | Test method    | Result               | Units             | Tolerance |
|-------------------------------|----------------|----------------------|-------------------|-----------|
| Roll length                   | BS EN 1848-1   | 8                    | m                 | ±150mm    |
| Roll width                    | BS EN 1848-1   | 1                    | m                 | ±1.5%     |
| Roll weight                   | BS EN 1849-1   | 34                   | kg                | ±7.5%     |
| Mass per unit area            | BS EN 1849-1   | 4.25                 | kg m <sup>2</sup> | ±0.2      |
| Visible defects               | BS EN 1850-1   | PASS                 | -                 | -         |
| Watertightness                | BS EN 1928 (A) | PASS                 | -                 | -         |
| Straightness                  | BS EN 1848-1   | PASS                 | -                 | -         |
| Tensile strength              | BS EN 12311-1  | 1100 (LD); 1000 (TD) | N/50mm            | -         |
| Elongation at maximum load    | BS EN 12311-1  | 26 (LD); 38 (TD)     | %                 | -         |
| Resistance to tearing         | BS EN 12310-1  | 225 (LD); 180 (TD)   | N                 | -         |
| External fire performance     | BS EN 13501-5  | TROOF (t4)           | -                 | -         |
| Reaction to fire              | BS EN 13501-1  | CLASS F              | -                 | -         |
| Cold Bend Flexibility         | BS EN 1109     | ≤ -5                 | °C                | -         |
| Flow resistance at elev. temp | BS EN 1110     | >90                  | °C                | -         |

NPD = No Performance Declared. LD = Longitudinal. TD = Transverse Direction.

#### Standard Product Length & Weight

|                 |    |      |                     |
|-----------------|----|------|---------------------|
| Sanded Underlay | 8m | 34kg | 25 Rolls Per Pallet |
|-----------------|----|------|---------------------|

\*Other lengths available upon request, dependent upon volume

#### Product Description

Rose Roofing 350 Polyester Underlay is a high performance polyester based modified bitumen membrane.

#### Type of application

350 Polyester Underlay is intended for use as a 'pour-and-roll' underlay in a bitumen built-up roof system.

Membranes should be installed in accordance with the manufacturer's guidelines. A Guarantee of up to 25 years can be obtained by using a built up system in accordance with Rose Roofing's Guarantee Specifications.

#### Compatibility

The material is compatible with all materials normally used in roofing structures and finishes and may be cut and formed using techniques described in BS8217: 2004. There are no harmful side effects associated with this material. Hydrocarbon solvent based products, such as naphtha, paraffin and creosote will have a harmful effect and should not be allowed to come into contact with the material.

#### Storage & Handling

Do not drag rolls across rough surfaces, always lift. Rolls should be stored upright on a dry surface. During colder periods it is recommended that rolls are stored in a temperature above 10°C for 24 hours prior to use. During storage exposure to direct sunlight is to be avoided. Do not use in temperatures below 5°C.

NOTE: 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.