

PRODUCT DATA SHEET

Lightweight Bonding (Sand Shed Felt)

Characteristic	Test Method	Result
Roll length*	BS EN 1848-1	10m
Roll width**	BS EN 1848-1	1m
Weight***	BS EN 1849-1	14kg
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	375 N/50mm 200 N/50mm 3% 5%
Resistance to tearing:**** Longitudinal Transverse	BS EN 12310-1	65 N 70 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:

5m 7kg 80 rolls per pallet
10m 14kg 48 rolls per pallet

*Other lengths are available upon request dependent upon volume.

**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 an underlay in a traditional built up flat roof system for non-habitable outbuildings and garages when in conjunction with a suitable capsheet. Also used as an economical weatherproofing membrane for sheds, non-habitable garden buildings and animal shelters. 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 recycled rag fibre sheet which is saturated with penetration grade bitumen then coated both sides with modified bitumen. The coated material is finished on both surfaces with sand to prevent sticking in the roll. The membrane is cut to roll length, wrapped and labelled according to specification and customer requirement.

INSTALLATION

Lightweight bonding can be used as a single layer, but for best performance install over a suitable underlay, or apply 2 layers, which should be nailed onto the substrate. It should be installed by using clout nails and felt adhesive to seal laps (75mm minimum). Start from the eaves (Lengthwise), work upwards and finish with overlaying the ridge.

When installed as a single layer, the minimum pitch of the roof should be greater than 20 degrees.

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 used in temperatures below 5°C.