

PRODUCT DATA SHEET

Glass Bonding Sand (3B)

Characteristic	Test Method	Result
Roll length*	BS EN 1848-1	20m
Roll width**	BS EN 1848-1	1m
Weight***	BS EN 1849-1	36kg
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	470 N/50mm 325 N/50mm 3% 2%
Resistance to tearing:**** Longitudinal Transverse	BS EN 12310-1	60 N 65 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:
 20m 36kg 25 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. Manufactured using a glass fibre with modified bitumen.

COMPOSITION AND MANUFACTURE

The base carrier consists of a 60g/m² plain glass tissue. The carrier material is coated both sides in a continuous operation using modified bitumen. The coated material is finished with fine sand on both sides. The membrane is cut to roll length, wrapped and labelled according to specification and customer requirement.

INSTALLATION

Primarily used as an underlay / intermediate layer in an economical traditional built up felt system. Ensure the roof substrate is sound before fixing underlay which should be nailed to roof substrate, then for best performance the successive layers of felt should be bonded using hot poured bitumen, the capsheet / topsheet should have a mineral upper surface, be finished with mineral chippings or painted with solar reflective paint to aid UV protection.

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.