

PRODUCT DATA SHEET

Glass Bonding Sand (3B)

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 tissue with modified bitumen.

COMPOSITION AND MANUFACTURE

The base carrier consists of 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 both sides. The material is cut to roll length, wrapped and labelled according to specification.

INSTALLATION

Primarily used as an underlay / intermediate layer in an economical traditional built up felt roofing 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.

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**.

TECHNICAL PERFORMANCE DATA AS REQUIRED BY HARMONISED STANDARD BS EN 13707

		3B Glass Bonding 20m
Characteristic	Specific Test ref.	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	450 N/50mm 320 N/50mm 2.5% 2.5%
Resistance to tearing:**** Longitudinal Transverse	BS EN 12310-1	120 N 130 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%

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.

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