

PRODUCT DATA SHEET

Roseflex

PRODUCT USE

Intended for use in a built-up roofing system as a top sheet or for detailed work. Using a glass fibre based carrier, the membrane offers excellent application characteristics and is suitable in either repair applications or as part of built-up roofing.

COMPOSITION AND MANUFACTURE

The base is formed from glass fibres bonded together to form an absorbent material core. The carrier material is saturated then coated both sides in a continuous operation using liquid SBS modified bitumen. The coated material is finished with a mineral flake as a top surface. A sanded selvedge is left along one edge of the mineral flake coating to ensure positive bonding of overlaps. The underside of the material is coated with sand. The membrane is cut to roll length, wrapped and labelled according to specification. Samples of the finished material are tested frequently in accordance with Rose Roofing's own quality assurance programme.

INSTALLATION

In a two layer system both layers should be fully bonded using hot bitumen poured/mopped in front of the roll which is then unrolled into it, spreading it the full width to ensure complete adhesion. The side and end laps should be at least 75mm.

In a three layer system the underlay should be either mechanically fixed or partially bonded to the substrate, the intermediate and capsheet layers should then be fully bonded above.

Membranes coated with oxidised bitumen remain flexible above 5°C. During colder periods care must be taken when handling and installing as to prevent cracking of the bitumen and damaging the membrane. 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.

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 PRODUCTS

Roseflex Mineral	10m	30kg	30 rolls per pallet
Roseflex Sand	20m	36kg	25 rolls per pallet

TECHNICAL PERFORMANCE DATA AS REQUIRED BY HARMONISED STANDARD BS EN 13707

		Roseflex Mineral	Roseflex Sand
Characteristic	Specific Test ref.	Result	Result
Roll length*	BS EN 1848-1	10m	20m
Roll width**	BS EN 1848-1	1m	1m
Weight***	BS EN 1849-1	30kg	36kg
Watertightness	BS EN 1928 method a.	PASS	PASS
Tensile strength:****	BS EN 12311-1	675 N/50mm	675 N/50mm
Longitudinal		440 N/50mm	440 N/50mm
Transverse			
Elongation at maximum load:	BS EN 12311-1		
Longitudinal		2.6%	2.6%
Transverse		3%	3%
Resistance to tearing:****	BS EN 12310-1		
Longitudinal		120N	120N
Transverse		130N	130N
Straightness	BS EN 1848-1	PASS	PASS
Visible Defects	BS EN 1850-1	PASS	PASS
External Fire Performance	BS EN 13501-5	F _{ROOF(t4)}	F _{ROOF(t4)}
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.

Date of Issue: June 2014

ROSE ROOFING LIMITED
1 Flass Lane Cutsyke, Castleford West Yorkshire WF10 5JW
Tel: Castleford (01977) 516044 Fax: Castleford (01977) 514149