

PRODUCT DATA SHEET

Mineral Glass Preperation Layer (3G)

Characteristic	Test Method	Result
Roll length*	BS EN 1848-1	10m
Roll width**	BS EN 1848-1	1m
Weight***	BS EN 1849-1	26kg
Watertightness	BS EN 1928 method a.	NPD
Tensile strength:****	BS EN 12311-1	NPD
Longitudinal		NPD
Transverse		NPD
Elongation at maximum load:	BS EN 12311-1	
Longitudinal		NPD
Transverse		NPD
Resistance to tearing:****	BS EN 12310-1	NPD
Longitudinal		NPD
Transverse		NPD
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:

10m 26kg 30 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

Mineral glass preparation Layer, formerly Type 3G is intended for use as a preparation/base layer in a bitumen built up roofing system. The product is loose-laid and secured by application of the subsequent pour & roll membrane.

It is used to provide a partial bond to the substrate.

COMPOSITION AND MANUFACTURE

The base carrier consists of a 60g/m² perforated 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 one side and fine mineral on the other. The membrane is cut to roll length, wrapped and labelled according to specification and customer requirement.

INSTALLATION

Primarily used as a preparation, vapour permeable layer in an economical traditional built up felt system. It is used to provide a partial bond to the substrate. The product is loose-laid and secured by application of the subsequent pour & roll membrane. 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.