

# PRODUCT DATA SHEET

## Flexi-Shed Glass

### PRODUCT COMPLIANCE



BS EN 13707:2013

Construction Products (Amendment Etc.) (EU Exit) Regulations 2019

UK 0836-CPR-13/F049

Upper Surface	Mineral granules
Lower Surface	HDPE Film
Material	Modified bitumen
Base Carrier	Glass Fibre

Characteristic	Test method	Result	Units	Tolerance
Roll length	BS EN 1848-1	10	m	±150mm
Roll width	BS EN 1848-1	1	m	±1.5%
Roll weight	BS EN 1849-1	20	kg	±7.5%
Mass per unit area	BS EN 1849-1	2.0	kg m <sup>2</sup>	±0.2
Visible defects	BS EN 1850-1	PASS	-	-
Watertightness	BS EN 1928 (A)	PASS	-	-
Straightness	BS EN 1848-1	PASS	-	-
Tensile strength	BS EN 12311-1	475 (LD); 340 (TD)	N/50mm	-
Elongation at maximum load	BS EN 12311-1	3 (LD); 2 (TD)	%	-
Resistance to tearing	BS EN 12310-1	70 (LD); 80 (TD)	N	-
External fire performance	BS EN 13501-5	TROOF (t4)	-	-
Reaction to fire	BS EN 13501-1	CLASS F	-	-
Cold Bend Flexibility	BS EN 1109	≤ -5	°C	-
Flow resistance at elev. temp	BS EN 1110	>90	°C	-

NPD =No Performance Declared. LD = Longitudinal. TD =Transverse Direction.

Standard Product Length & Weight			
10m Flexi-Shed Glass	10m	20kg	49 Rolls Per Pallet
20m Flexi-Shed Glass	20m	40kg	25 Rolls Per Pallet

### Product Description

Flexi-Shed Glass is a glass fibre based, HDPE Film backed modified bitumen membrane.

### Type of application

Flexi-Shed Glass is intended for use as a cost effective waterproof covering on temporary portable buildings with pitched roofs, such as garden sheds, kennels, and other non-habitable buildings. Membranes should be installed in accordance with the manufacturer's guidelines. Application of a suitable underlay is recommended for any building with a pitch of less than 20°.

### Compatibility

The material is compatible with all materials normally used in roofing structures and finishes and may be cut and formed using techniques described in BS8217: 2004. There are no harmful side effects associated with this material. Hydrocarbon solvent based products, such as naphtha, paraffin and creosote will have a harmful effect and should not be allowed to come into contact with the material.

### Storage & Handling

Do not drag rolls across rough surfaces, always lift. Rolls should be stored upright on a dry surface. During colder periods it is recommended that rolls are store in a temperature above 10°C for 24 hours prior to use. During storage exposure to direct sunlight is to be avoided. Do not use in temperatures below 5°C. Do not stack pallets 2 high. Rose Roofing is not responsible for any damage when the above instructions are not followed.

**Mineral Colours Available** Green, Charcoal.

*NOTE: Trials have indicated significant differences in the surface temperature between mineral finished. Charcoal on average retained heat up to 10°C higher than mixed brown. For superior UV protection, the lighter mineral finishes have proven more effective.*

*NOTE: 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.*