

Elastoflex GS

Product Ref: (DsB4-0209)
Issue No: 01



MINERAL-SURFACED SBS ELASTOMERIC BITUMEN ROOFING MEMBRANE

DESCRIPTION

Elastoflex GS is a high performance SBS-modified elastomeric bitumen roofing membrane with a surface finish of mineral flakes or granules and is for application by the torch-on method. It features a grooved underside and a scarified selvedge for efficiency in application.

USE

Elastoflex GS is intended for use in the waterproofing of non-accessible roofs on all roof decks and all roof slopes as a cap sheet in a multi-layer system.

COMPOSITION

Reinforcement:	160 g/m ² non woven polyester
Bitumen:	SBS-modified elastomeric bitumen
Surface:	mineral flakes or granules
Underside:	fusible film over grooved bitumen

PHYSICAL CHARACTERISTICS (AVERAGE VALUES)

Tensile strength at break:	≥	750 x 500 N/50 mm
Elongation at break:	≥	45%
Nail tear resistance (UEAtc):	≥	200 N
Cold pliability (UEAtc):	≤	-10 °C
Heat flow (UEAtc):	≤	100 °C
Dimensional stability (UEAtc):	≤	0.3%
Static puncture resistance:	≥	20 kg

Where two values are given, the first is for the longitudinal direction and the second is for the transverse direction.

Langley Waterproofing Systems Limited

Bishop Crewe House, North Street, Daventry, Northants. NN11 4GH

Tel: 01327 704778 Fax: 01327 704845 www.langley.co.uk

Elastoflex GS

Product Ref: (DsB4-0209)
Issue No: 01

NOMINAL DIMENSIONS & WEIGHTS

Rolls:	8 m x 1 m
Thickness at the selvedge:	4 mm
Thickness on the main area:	5 mm
Selvedge width (± 10 mm):	90 mm
Weight according to surfacing:	flakes: 5.9 kg/m ² 47.7 kg/roll
	granules: 6.2 kg/m ² 50.3 kg/roll

APPLICATION

Elastoflex GS is fully bonded by torching to a suitable substrate or under layer with side laps determined by the selvedge (min 80 mm) and minimum 150 mm end laps. At end laps, it is essential to work the granules into the bitumen coating to ensure a homogeneous and watertight bond.

Contact Langley Waterproofing Systems Ltd for detailed specifications and fixing instructions.

COLOURS

Available in Dark Grey (No.30)* as standard.
Light Grey (No.1)* and White (No.2) are available to order.

* These colours are mineral flakes

STORAGE

Elastoflex GS should be stored on end, under cover, on a firm dry base and away from sources of heat.

SAFETY

This product is not classed as hazardous.

The above information is issued in good faith and without warranty and is intended as a guide only. The information comprises typical data and does not constitute a specification.

Langley Waterproofing Systems Limited

Bishop Crewe House, North Street, Daventry, Northants. NN11 4GH

Tel: 01327 704778 Fax: 01327 704845 www.langley.co.uk