

Langley Copper Membrane

Product Ref: (DsB31-0517)

Issue No: 01



COPPER FACED SBS ELASTOMERIC BITUMEN ROOFING MEMBRANE

DESCRIPTION

Langley Copper Membrane is an SBS-modified elastomeric bitumen roofing membrane with a surface finish of copper foil and is for application by the torch-on method. It features a fusible film to the underside.

USE

Langley Copper Membrane is intended for use in the waterproofing of non-accessible roofs on all roof decks and all roof slopes as part of a multi-layer system.

COMPOSITION

Reinforcement:	woven glass fibre
Bitumen:	SBS-modified elastomeric bitumen
Surface:	embossed copper foil
Underside:	continuous fusible film

NOMINAL DIMENSIONS AND WEIGHTS

Rolls:	10 m x 1 m
Thickness on the main area:	3 mm
Weight:	40 kg/roll

PHYSICAL CHARACTERISTICS (AVERAGE VALUES)

Tensile strength at break:	N/50 mm
Elongation at break:	5 / 5%
Nail tear resistance:	200 N
Cold pliability:	< -20°C

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

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APPLICATION

Langley Copper Membrane is fully bonded by torching to a suitable under layer with side laps determined by the selvedge (minimum 80 mm) and minimum 150 mm end laps. At laps, it is essential to remove a strip of foil, equal to the lap, to ensure bitumen bonding.

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

STORAGE

Langley Copper Membrane 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.

This document is only a guide. Langley Waterproofing Systems Ltd reserves the right to change the composition and fixing recommendations of products as a result of the evolution of knowledge and technology.

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