

Product Description

SA ALU-X is a self-adhesive bituminous vapour control layer which is saturated and coated with high quality SBS (Styrene-Butadiene-Styrene) modified bitumen suitable for cold application. The VCL consists of a core glass fibre reinforcement between an aluminium foil layer and a self-adhesive elastomeric compound which adheres, via pressure, to the laying surface.

Features:

- ✓ Flame-free application
 - The self-adhesive vapour control layer allows for a fast, flame free application removing the need for torching and associated health and safety risks.
- ✓ Ultimate Vapour Barrier
 - Designed to prevent high humidity air saturated with moisture from entering the roof system and causing issues with thermal efficiency of the insulation and blistering of the waterproofing membranes. SA ALU-X is water-resistant including salt solutions, diluted non-oxidising acids and bases.

Uses

SA ALU-X can be used for many applications within Garland's product portfolio. It can be used as a vapour control layer within Garland's cold applied products such as Dura-Systems and White Knight. It can also be used as a self-adhesive vapour control layer installed onto a structural deck before the installation of R-MER Metal Systems. In addition SA ALU-X can be applied as a carrier membrane, a night seal or can be used to tape the joints within foil faced insulation when specified within a Garland Dura-Coat system.

Application Instructions

Prior to the installation of SA ALU-X care should be taken to ensure that the surface is smooth, dry, free of oil, dust or any impurities. be clean, smooth and dry. For best results the membrane should be unrolled and align into position. The film should then be removed simultaneously to the membrane being fixed to the deck.

When being installed to a timber deck within a Garland cold-applied system, a suitable primer must be used such as Garland Quick-Prime or SA Contact Primer.

Please see individual data sheets for coverage rates and application guidelines.

Refer to specific specifications provided by your Regional Technical Manager.

Storage

SA ALU-X must be stored in a cool, dry place away from direct sunlight.

Technical Data

Reinforcement type:	Fibreglass
Compound type:	Bitumen modified with thermoplastic rubber (SBS).
Surface finishing:	Upper side: Aluminium foil.
Laying method:	Cold process application

SA ALU-X

Technical Data Sheet



Properties	Norms	Unit	Value	Tolerance
Physical Data				
Length	EN 1848-1	m	40	±1%
Width	EN 1848-1	m	1.0	±1%
Thickness	EN 1849-1	mm	0.60	±10%
Weight	EN 1848-1	kg/m ²	0.50	±10%
Mechanical Data				
Flow resistance	EN 12311-1	°C	90	≤
Tensile strength L	EN 12311-1	N/50 mm	800	±20%
Tensile strength T	EN 12311-1	N/50 mm	800	±20%
Elongation at break L	EN 12311-1	%	10	±15
Elongation at break T	EN 12311-1	%	10	±15
Flexibility at low temperature	EN 1109	°C	-25	-
Nail tear strength L	EN 12310-1	N	250	-30%
Nail tear strength T	EN 12310-1	N	250	-30%
Vapour impermeability	EN 1931	μ	1500000	-
Watertightness	EN1928	kPa	60	-
Fire Performance				
Fire reaction	EN 13501-1		NPD	-

If you require any further information please contact your local Garland Technical Manager.



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