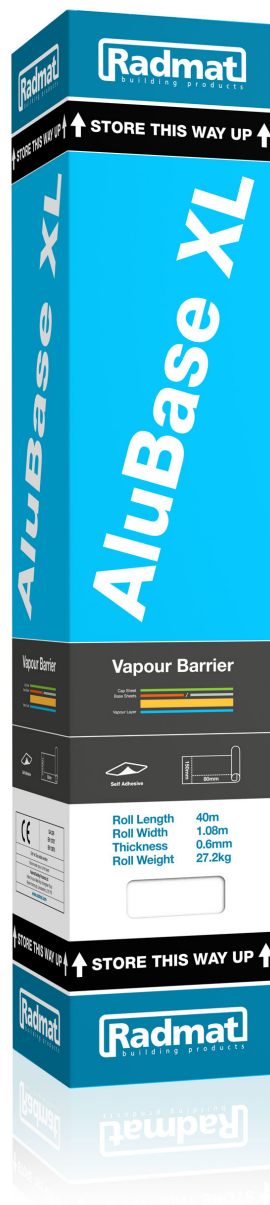


# *AluBaseXL*

## Product Data Sheet



A self-adhesive bituminous waterproofing membrane that forms a barrier against vapour and gases.

## Product Data Sheet

### General Information

**AluBase XL** is a self-adhesive bituminous waterproofing membrane that forms a barrier against vapour and gases. Consisting of a self-adhesive low-thickness bituminous compound self protected by a glass fibre and a reinforced aluminium film.

The glass fibre and polyester reinforcement provides excellent resistance to puncture and the effects of work site foot traffic. The polyester coating on the aluminium top surface not only provides protection from alkalis that may be present in concrete and screeds but also provides a surface on to which most polyurethane adhesives will adhere.

The high tensile strength and puncture resistance of AluBase XL makes it suitable for use over profiled metal decking where resistance to worksite traffic is essential in order to maintain integrity of the vapour barrier.

AluBase XL provides a fast and easy means of waterproofing a roof structure prior to the installation of insulation and waterproofing whilst also providing an effective vapour barrier without the need for hot works or naked flame in its application.

For a comprehensive NBS J41 specification contact Radmat Building Products.

### Directions of Application

Prior to installation, surfaces must be dry, clean, smooth and free of impurities. If the surface is porous, apply a coat of Radmat Red Primer as per instructions.

The use of Primer where application is to new, clean and oil free metal is generally not required. A wrong use of primer can influence the membrane efficiency.

To achieve the best result, proceed as follows: always start by laying the rolls from the lowest point and work upwards, being careful not to create counter-gradient overlaps.

Side overlaps	End Overlaps
80mm	150mm

After installation, press the membrane well by hand, heavy broom or roller being very careful not to trap air pockets.

This membrane features an outer polyester film and cannot therefore be exposed directly to the sun for prolonged periods.

### Delivery Conditions

#### Delivery form

25 rolls, packed individually in cardboard boxes, per pallet

#### Storage and transport

It is best to use the product within 12 months.

This information given in good faith and is based on the latest knowledge available to Radmat Building products Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

For further information on Radmat products and services please call **01858 410372**, email [techenquiries@radmat.com](mailto:techenquiries@radmat.com) or visit our website [www.radmat.com](http://www.radmat.com)

## Product Data Sheet

Product description			
Appearance top side	Silver		
Coating top side	Self-adhesive low-thickness bituminous		
Reinforcement	Glass-fibre and a reinforced aluminium film.		
Declared performance			
Essential characteristics	Performance	Units	Test
Visible defects	Pass	-	-
Roll Length	40	m	m
Roll Weight	±28	kilos*	-
Width	1.08	m	m
Effective thickness	0.6 (other sizes available)	mm	EN 1849-1
Water vapour impermeability	>1500	m	EN12572
Reaction to fire	E	-	E (EN 11925 – 2; EN 13501 -1)
Inflammability classification	B2	-	B2 (DIN 4102)
Impermeability	Pass ≥ 60	kPa	EN1928
Tensile strength	Long.>600   Trans.>600	N/50mm	EN 12311-1
Elongation at break	Long.>5%   Trans.>5%	%	EN12311-1
Static Load Resistance	Met.A 5   Met.B 20	kg	EN12730
Tear Resistance (nail shank)	Long.190   Trans.190	N	EN12310-1
Peel Resistance of Joints	40	N / 50mm	EN12316-1
Radon Transmission Rate	0.47 x 10-9	m/s	SP Swedish Nat. Testing & Research Institute
Permeability to Radon Gas	0.56 x 10-12	m²/s	SP Swedish Nat. Testing & Research Institute
Permeability to Methane Gas	< 5 cc/m2 x 24h x atm	-	CSI Method
Application Temperature	+5°C / +45°C2	-	-
Service Temperature	-40°C / +80°C2	-	-

\*The figures shown in the data can vary with a tolerance of +/- 5%. Roll weight can vary with a tolerance of +/-10%

### Important information:

**Usage:** Ensure temperature and surfaces are within the application temperature guidelines (see above) the use of Radmat Red Primer can aid installation at the lower temperature range.

**Traffic:** AluBase XL is not suitable for withstanding pedestrian and vehicle traffic.

**Caution and Safety:** The material is not hazardous for normal use, however it is possible to cut or injure oneself, wear protective gloves when working, keep out of reach of children.

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