

Xtra-Load Alumite



EN 14967

TECHNICAL DATA SHEET

Surface Upper	Silica sand
Surface Lower	Silica sand
Material	SBS-modified bitumen
Type of Reinforcement	Polyester with aluminium foil
Typical Thickness	3.2 mm ±0.2

Characteristic	Test method	Value or statement	Units	Tolerance
Visible defects	EN 1850-2	pass	-	-
Length	EN 1848-1	8.0	m	±0.1
Width	EN 1848-1	1.0	m	±0.02
Straightness	EN 1848-1	< 20	mm/20m	-
Mass per unit area	EN 1849-1	4.03	kg·m ⁻²	±0.25
Effective thickness	EN 1849-2	NPD	mm	-
Water tightness	EN 1928 (B)	pass	-	-
Radon Diffusion Coefficient	In-house Test	1.5 x 10 ⁻¹⁴	m ² ·s ⁻¹	-
CO ₂ Diffusion Resistance	In-house Test	3.71 x 10 ⁻⁷	cm ² ·s ⁻²	-
Methane gas permeability	In-house Test	3.71 x 10 ⁻⁷	m ² ·s ⁻¹	-
Reaction to fire	EN 13501-1	Class F	-	-
Resistance to impact	EN 12691 (A)	≥ 300	mm	-
Durability against ageing	EN 1296/EN 1931	pass	-	-
Dimensional stability	EN 1107-1	≤ 1	%	-
Resistance to Cold Bend	EN 1109	≤ -15	°C	-
Flow resistance at elev. temp	EN 1110	≥90	°C	-

NPD =No Performance Declared. MD = Machine Direction. TD =Transverse Direction.

Description of product

Xtra-Load Alumite is a modified bitumen membrane containing an aluminium foil and polyester carrier and is finished with silica sand.

Type of application

Xtra-Load Alumite is intended for use as a damp-proof course in walls and foundations as a continuous barrier to deflect and protect against penetration of water into the building. Membranes should be installed in accordance with the manufacturer's guidelines.

Compatibility

The membrane is compatible with all materials with which it will be in contact within normal construction, however, **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 & Transportation

Rolls are delivered on pallets, covered with shrink wrapped bag. These materials should, when removed from pallets, be stored upright on a firm flat surface, kept dry and protected from mechanical damage and heat sources. During storage exposure to direct sunlight is to be avoided.

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NOTE: This information is given in good faith being based on the latest knowledge known to Icopal Limited. Whilst every effort has been made to ensure 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.