

STARSELF ALU 1000

Elastomeric Bitumen Based, Self Adhesive, Waterproofing Membrane

Description

STARSELF ALU 1000 is an elastomeric bitumen based, cold applicable, one side coated with aluminum foil, other side is adhesive waterproofing membrane.

Fields of Application

It provides waterproofing with adhering on different substrates such as wood, metal, glass, plaster, concrete etc. Also it is used as sound blocker for vehicles, ships.

Features and Benefits

Aluminum foil top surface

Applied easily even though inclined surface because of elasticity.

Convenient with bituminous system.

Self adhesive.

Easy to applied.

Applicable on wide range substrates.



Properties

Surface : Aluminum foil

Color : Natural Aluminium, Terracota, Green, Anthracite, Bric Red, Platin Grey

Application Temperature : +10 °C 30 °C

Thickness / Width : 1,00 mm / 110 cm

Application Procedure

Preparation of Substrate

Application surface must be dry, clean and clean off materials which prevent bonding, such as dust, oil, rust and remove loose pieces. High absorbent surfaces such as concrete, plaster, chipboard must be primed with bituminous based primer.

Application Method

Peel the removable film layer of STARSELF ALU 1000 and pressed firmly sticky surface on substrate. Tape should be fully contact with the substrate by pressing its every point on application surface. It should be pressed onto the foil using a silicone roller.

Packaging

Width (cm)	Length (m)	Pallet Size (cm)	Roll Weight	Rolls in box
110 cm	10 m	100x120	16,50 kg $\pm 10\%$	56 rolls
110 cm	20 m	100x120	33,00 kg $\pm 10\%$	30 rolls

Storage Conditions and Shelf Life

2 years from the production date in case it is stored in its sealed and undamaged package in dry ambient conditions at a temperature from +5°C to +30°C away from direct sunlight.

In cases where the air temperature is below +10°C, the use of a hot air source is recommended.



Watertight



High flexibility



Weather resistant



Resistant to UV



Flame-free
Easy installation



Good application
to support



SAFETY DATA SHEET (SDS)

STARSELF ALU 1000

Elastomeric Bitumen Based, Self Adhesive, Waterproofing Membrane

PRODUCT NAME	STARSELF ALU 1000		
PRODUCT PROPERTIES	VALUE		
Thickness	1,0 mm		
Roll Width	110 cm		
Unit Weight	1,5 kg/m ²		
Roll Length	Standart: 10 m Max.: 20 m		
Top Surface	Aluminium Foil		
Bottom Surface	Siliconized Film		
Color	Natural Aluminium, Terracota, Green, Anthracite, Platine Grey, Bric Red		
HS Code	6807.10.00.00.00		
PERFORMANCE			
Characteristic	Test method	Units	Result
Water tightness to liquid water – Method B 2 kpa	EN 1928	-	Pass
Tensile properties: maximum tensile force / elongation	EN 12311-1	N/50mm	> 150 N/50mm
Durability of water vapour resistance against artificial ageing	EN 1296 + EN 1931	-	Pass
Durability of watertightness against chemicals	EN 1847 + EN 1928	-	Pass
Resistance to tear (nail shank)	EN 12310-1	N	>30 N
Impact resistance	EN 12691	mm	NPD
Low temperature flexibility	EN 1109	°C	-25 °C
Flow Resistance at Elevated Temperature	EN 1110	°C	80 °C
Joint strength	EN 12317-1	N/50mm / ±%10	>150 N/50mm
Water vapour transmission*	EN 1931	m	>1500m
Reaction to fire	EN 13501-1	-	E
Length	EN 1848-1	m	10 m *
Width	EN 1848-1	cm	110 cm
Thickness	EN 1849-1	mm	1,0 mm ±%10
Mass	EN 1849-1	Kg/m ²	1,5 kg/ m ² ±10%
Visible defects	EN 1850-1	-	None

**Special thickness and size can be produced according to customer demands.*