

## STARSELF ALU-R 600

### Bitumen Based, Self Adhesive, Vaper Barrier and Waterproofing Membrane

#### Description

Starbond has developed fiber glass net reinforced, self adhesive, cold applied waterproofing membrane made of bitumen modified by SBS (styrene-butadiene-styrene) with a removable siliconised film underside and aluminium foil on the upper surface.

STARSELF ALU-R 600 is a high performance vapour and air barrier that can be used also in high humidity areas such as swimming pools, kitchens or bathrooms.

It can be applied on to metal, plastic, wooden or bituminous decking with a great performance. STARSELF ALU-R 600 should be used as a part of mutli layer insulation system.

#### Features and Benefits

- Cold-applied and self-adhesive
- Vapour and Air Proof – Creates airtight layer for energy saving
- Walkable after application
- Fiber Glass Net provides higher tensile strength
- Resistant to chemicals and ageing
- Can be applied above 10°C

At temperatures below 10 °C and high air humidity, we advise to use the hot air to restore characteristic of the material.



#### Properties

<b>Surface</b>	: Aluminum foil
<b>Reinforcement</b>	: Fiber Glass net
<b>Color</b>	: Natural Aluminium
<b>Application Temperature</b>	: +10 °C 30 °C
<b>Thickness / Width</b>	: 0,6 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-R 600 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 Quantity (m2)	Roll Weight	Rolls in box
110 cm	20 m	968 m <sup>2</sup>	19,25 kg ±10%	44 rolls
110 cm	25 m	1100 m <sup>2</sup>	24,00 kg ±10%	40 rolls
110 cm	40 m	1056 m <sup>2</sup>	38,50 kg ±10%	24 rolls

Pallet Size: 100x120 cm

#### 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-R 600

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<b>PRODUCT NAME</b>	STARSELF ALU-R 600
<b>PRODUCT PROPERTIES</b>	VALUE
<b>Thickness</b>	0,6 mm
<b>Roll Width</b>	110 cm
<b>Unit Weight</b>	875 g/m <sup>2</sup>
<b>Roll Length</b>	20-25-30-40 m
<b>Top Surface / Bottom Surface</b>	Aluminium Foil / Siliconized Film
<b>Reinforcement</b>	Fiber Glass Net
<b>Color</b>	Natural Aluminium
<b>HS Code</b>	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	> 750 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	NPD
Impact resistance	EN 12691	mm	NPD
Low temperature flexibility	EN 1109	°C	-25 °C
Flow Resistance at Elevated Temperature	EN 1110	°C	90 °C
Joint strength	EN 12317-1	N/50mm / ±%10	>650 N/50mm
Water vapour transmission*	EN 1931	m	>1500m
Reaction to fire	EN 13501-1	-	E
Length	EN 1848-1	m	20-25-30-40 m
Width	EN 1848-1	cm	110 cm
Thickness	EN 1849-1	mm	0,60 mm ±%10
Mass	EN 1849-1	g/m <sup>2</sup>	875 g/ m <sup>2</sup> ±10%
Visible defects	EN 1850-1	-	None

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

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