



STARSELF ALU-R 600

Bitumen Based, Self Adhesive, Vaper Barrier and Waterproofing Membrane

Description

Starbond has developed fiber glass net rainforced, 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.

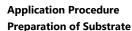
Features and Benefits

- 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.



Surface : Aluminum foil Reinforcement : Fiber Glass net Color : Natural Aluminium : +10 °C 30 °C **Application Temperature** Thickness / Width : 0,6 mm / 110 cm



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 m² | 19,25 kg ^{±10%} | 44 rolls |
| 110 cm | 25 m | 1100 m ² | 24,00 kg ±10% | 40 rolls |
| 110 cm | 40 m | 1056 m ² | 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.

























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| PRODUCT NAME | STARSELF ALU-R 600 | |
|------------------------------|-----------------------------------|--|
| PRODUCT PROPERTIES | VALUE | |
| Thickness | 0,6 mm | |
| Roll Width | 110 cm | |
| Unit Weight | 875 g/m² | |
| Roll Length | 20-25-30-40 m | |
| Top Surface / Bottom Surface | Aluminium Foil / Siliconized Film | |
| Reinforcement | Fiber Glass Net | |
| Color | Natural Aluminium | |
| 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 | > 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 | - | Е | | |
| 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/m² | 875 g/ m ^{2 ±10%} | | |
| Visible defects | EN 1850-1 | - | None | | |