



# SOPRALAST ALU



SOPRALAST ALU (57)

Order No. 05181

## DESCRIPTION

SOPRALAST ALU is fiberglass scrim reinforced roofing membranes combined with selected SBS modified bitumen, with an underside plastic burn-off film and a topside metal facing to form heat-welded, metal-clad membranes. When heat-welding, use a damp sponge or mop to cool the metal film immediately after application. See published Specifications and Approved Details.

## COMPOSITION & PACKAGING

| Product/<br>Property             | SOPRALAST ALU  |
|----------------------------------|--|
| Reinforcement                    | fiberglass   |
| Elastomeric Bitumen              | selected blend of bitumen & SBS thermoplastic polymers |
| Top Surface                      | Aluminum   |
| Bottom Surface                   | Plastic film   |
| Approximate Nominal Thickness    | 160 mils (4 mm)  |
| Approximate Roll Coverage        | 97.5 ft <sup>2</sup> (9.1 m <sup>2</sup> )             |
| Side Lap                         | 3" (25 mm)   |
| End Lap                          | 6" (152 mm)  |
| Roll Length                      | 33' (10 m)   |
| Roll Width                       | 39" (1 m)  |
| Approximate Roll Weight          | 95 lbs (43 kg)   |
| Rolls per Pallet*                | 25   |
| *Rolls stocked upright on pallet |  |

## APPROVALS

FM Approvals; Underwriters Laboratories, Inc. File #R11436; ICC/ES; Miami-Dade County; Florida Building Code. Soprema is ISO-9001:2000 certified.

## WARRANTY

Contact your local SOPREMA representative for project warranty offerings.



## PHYSICAL PROPERTIES

| Physical Property per ASTM D 6298         | MD   | XD   |
|---|------|------|
| Tensile - Max Load at 0 ± 3.6°F lbf/in    | 200  | 175  |
| Elongation at 0 ± 3.6°F %                 | 12   | 10   |
| Tensile - Max Load at 73.4 ± 3.6°F lbf/in | 136  | 134  |
| Elongation at 73.4 ± 3.6°F %              | 8    | 8    |
| Tear Strength at 73.4 ± 3.6°F lbf         | 130  | 130  |
| Low Temperature Flex °F max               | -15  | -15  |
| Dimensional Stability % max               | <0.2 | <0.2 |
| Compound Stability Temp F                 | 225  | 225  |

Minimum values before and after Heat Conditioning  
Test results for manufacturing plant in Wadsworth, OH



## APPROVALS

See Underwriters Laboratories Inc. File #R11436, FM Approvals, ICC/ES, Miami-Dade County or Florida Building Code Product Approval Listings for current Approved Roof Assembly combinations. Soprema is ISO-9001:2000 Certified.

## WARRANTY

Contact your local SOPREMA representative for project warranty offerings.

## GENERAL

SOPREMA is a Certified ISO 9001:2000 worldwide producer of bituminous membranes with factories in Europe and North America. Waterproofing sheets have been produced by SOPREMA since 1908. Today, through a special mixture of components, SOPREMA membranes redefine the qualities indispensable to a high performance roof membrane: elasticity, flexibility, heat & fatigue resistance.

SOPREMA SBS modified bitumen membrane assemblies typically consist of base and top ply membranes that have specific type reinforcements in order to meet specific ASTM Standards. The two ply system provides a resistance to punctures and tears, as well as ensuring an effective distribution of stress points. The two ply system operates in a homogeneous fashion. The bitumen in each layer moves uniformly to offer continuous protection.