



SOPRASTAR STICK

SOPRASTAR STICK (92A)

Order No. 00016



DESCRIPTION & APPLICATION

SopraStar Stick is composed of selected SBS modified bitumen applied onto a polyester reinforcement with a self-adhesive underside and a reflective white top surface.

The field and flashing base membrane plies are adhered to a properly prepared, clean, dry and/or primed (where required) substrate by using the specified method. Optional inner ply(s) are bonded to the properly prepared, clean, dry and/or primed (where required) top surface using the appropriate application method. A SopraStar Stick self-adhered cap sheet is installed over a primed high brush sanded base/ply membrane.

SopraStar cap membranes are manufactured with fire retardant agents (FR) for UL and ASTM E-108 Class A Ratings. See published Specifications and Approved Details.

COMPOSITION & PACKAGING

| Product/Property | SOPRASTAR STICK |
|-----------------------------------|--|
| Carry Mat | Stabilized Polyester |
| Elastomeric Bitumen | Select blend of bitumen & SBS thermoplastic polymers |
| Topside | Highly Reflective Reinforcement Film |
| Underside | Self-adhesive with release poly |
| Nominal Thickness | 130 mils (3.3 mm) |
| Approximate Roll Coverage | 97 sq. ft. (9.1 m ²) |
| Side Lap | 4" (102 mm) |
| End Lap | 6" (152 mm) |
| Roll Length | 33 ft. (10 m) |
| Roll Width | 39 in. (1 m) |
| Approximate Roll Weight | 77 lbs. (35 kg) |
| Rolls per Pallet* | 30 |
| * Rolls stocked upright on pallet | |

WARRANTY

Contact your local SOPREMA representative for project warranty offerings.

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-9001:2008 Certified.




PHYSICAL PROPERTIES

| Physical Property per ASTM D 6164, Type II, Grade S & ASTM D 6162, Type I, Grade S Tested in accordance with ASTM D 5147 | MD | XD |
|---|-----|-----|
| Tensile - Max Load at 0 ± 3.6°F lbf/in | 162 | 117 |
| Elongation at 0 ± 3.6°F % | 49 | 30 |
| Tensile - Max Load at 73.4 ± 3.6°F lbf/in | 105 | 90 |
| Elongation at 73.4 ± 3.6°F % | 59 | 78 |
| Tear Strength at 73.4 ± 3.6°F lbf | 138 | 162 |
| Low Temperature Flex °F max | -15 | -15 |
| Dimensional Stability % max | 0.2 | 0.3 |
| Compound Stability Temp F | 239 | 239 |
| Minimum values before and after Heat Conditioning Test results for manufacturing plant in Wadsworth, OH | | |

GENERAL

SOPREMA is a Certified ISO 9001:2008 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.

|  | | Initial | Weathered |
|---|-------------------|---------|-----------|
| | Solar Reflectance | 0.78 | 0.74 |
| Thermal Emittance | 0.89 | 0.66 | |
| Rated Product ID Number | 0772-0026 | | |
| Licensed Seller ID Number | 0772 | | |
| Classification | Production Line | | |
| <small>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary. Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</small> | | | |

| | | |
|---|---------------------------------------|----------------------------|
| CA Title 24 Compliant Initial/ Weathered - CRRC Rated | Reflectivity 0.78 / 0.74 | Emmissivity 0.89 / 0.66 |
| LEED | Recycled Content 0% | |
| | Production Location: Wadsworth, OH | |

| Solar Reflective Index(SRI) | |
|-----------------------------|-----------|
| Initial | Weathered |
| 96 | 85.9 |