



ELASTOPHENE HR

ELASTOPHENE HR (26)

Order No. 00209

DESCRIPTION & APPLICATION

Elastophene HR membrane is composed of selected SBS modified bitumen applied onto a glass mat/glass grid composite reinforcement with a sanded underside and a high brush sanded or granule topside surface.

The Elastophene HR field base membrane ply is adhered to a properly prepared, clean, dry and/or primed (where required) substrate by using hot asphalt or cold adhesive. Optional inner ply(s) or the field cap membrane ply is bonded to the properly prepared, clean, dry and/or primed (where required) Elastophene HR top surface with hot asphalt, cold adhesive or heat welding application methods. A self-adhesive cap sheet can also be installed when the Elastophene HR surface is properly prepared with Soprema SA Primer and Soprema Sealant is applied to all side and end lap edges not having a bitumen bleed-out prior to application.

See published Specifications and Approved Details.

COMPOSITION & PACKAGING

| Product/ Property | ELASTOPHENE HR |
|------------------------------------|--|
| Reinforcement | glass grid |
| Elastomeric Bitumen | selected blend of bitumen and SBS thermoplastic polymers |
| Topside | sanded |
| Underside | sanded |
| Approximate Nominal Thickness | 90 mils (2.2 mm) |
| Approximate Roll Coverage | 147 ft ² (13.6 m ²) |
| Side Lap | 3" (76 mm) |
| End Lap | 6" (152 mm) |
| Roll Length | 49 ft (15 m) |
| Roll Width | 39" (1 m) |
| Approximate Roll Weight | 92 lbs (41.7 kg) |
| Rolls per Pallet* | 30 |
| * Rolls stocked upright on pallets | |

WARRANTY

Contact your local SOPREMA representative for project warranty offerings.



PHYSICAL PROPERTIES

| Physical Property per ASTM D 6163, Type II, Grade S | MD | XD |
|--|------|------|
| Tensile - Max Load at 0 ± 3.6°F lbf/in | 200 | 175 |
| Elongation at 0 ± 3.6°F % | 8 | 8 |
| Tensile - Max Load at 73.4 ± 3.6°F lbf/in | 136 | 134 |
| Elongation at 73.4 ± 3.6°F % | 12 | 10 |
| Tear Strength at 73.4 ± 3.6°F lbf | 130 | 130 |
| Low Temperature Flex °F max | -15 | -15 |
| Dimensional Stability % max | <0.1 | <0.1 |
| Compound Stability Temp F | 230 | 230 |
| Granule Embedment g/max | NA | NA |

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.

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.