

HYPROOF SA

Hyproof SA (Self Adhered) Membrane is a self adhered, fully adhered, coal tar elastomeric (CTEM) waterproofing membrane. Its primary components are coal tar pitch, PVC, and Elvaloy®. It is resistant to oils, greases, petroleum products, acids, bases, glycols, and many other chemicals. The membrane will not support biological growth such as molds or algae, nor will it allow root penetration.

Hyproof SA is available in two thicknesses. Hyproof SA 90 is 75 mils membrane, 15 mils adhesive, 90 total (75/15/90). Hyproof SA 75 is 60/15/75.

Hyproof SA is intended for use over clean, primed, smooth, dry substrates. If applying directly over another Hyload/Hyproof membrane, priming is not necessary. In no event is Hyproof SA to be applied over a surface contaminated with dust/debris. Use another application of primer if necessary. Suitable substrates include, but are not limited to, wood, masonry, and concrete. Upon application, 100% of the membrane surface is to be set into place using a roller. On horizontal applications use a water-filled “garden” type roller, or a steel or rubber-coated “linoleum” type roller. If using a linoleum roller, care should be taken that the roller edges do not damage the membrane. On vertical surfaces, a hand-held rubber-wheeled roller is to be firmly applied over the membrane.

The bottom of the sheet is coated with SBS-modified asphalt and has a dry selvedge edge for hot air welds. The bottom side of the membrane that is coated with factory applied adhesive cannot be hot air welded. All membrane to membrane side laps and membrane to cloak laps are to be a minimum of three inches. The preferred joining method of membrane to membrane, or membrane to cloak, is hot air welding. The acceptable alternative to hot air welding is a ¼” continuous bead of Structural Sealant placed within the lap one inch from the overlying edge, then dressing the overlying edge with another ¼” bead of Structural Sealant. All end, or butt, laps of Hyproof SA are to be dressed with a ¼” continuous bead of Structural Sealant. All “T” joints are to be dressed with a ¼” continuous bead of Structural Sealant a minimum of 6” in each direction. Care should be taken not to pull or stretch the membrane during application as it will return to its original dimension within 24 hours.

PHYSICAL PROPERTIES

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| Tensile Strength | ASTM D 638 | 1050 psi min |
| Heat Aging | ASTM D 3045 | 1250 psi min |
| Low Temperature Bend | ASTM D 2136 | Pass |
| Hydrostatic Pressure Resistance | ASTM D 751 | 290 psi * |
| Water Absorption | ASTM D 5147 | 0% |
| Water Vapor Permeance | ASTM E 96 | 0.375 perms max |
| Puncture Resistance | Federal Method 2065 | 50 lbs min |
| Tear Resistance | ASTM D 1004 | 250 lb/in min |

* - Test result occurred at the maximum equipment limitation and does not reflect product failure