

Product Certification

Air-Bloc All Weather STPE® Fluid-Applied Vapor Permeable Air Barrier

Air-Bloc All Weather STPE® is a low VOC, UV and fire-resistant fluid applied, single-component, moisture cure Silyl Terminated Polyether (STPE) elastomeric membrane designed to provide a vapor permeable, water resistive air barrier when applied to above-grade wall assemblies. Henry® - A Carlisle Company™ manufacturing facility implements full time quality control and is ISO certified. Each batch of Air-Bloc All Weather STPE® is tested to confirm compliance with the physical properties as stated on the Henry® technical data sheet.

Air-Bloc All Weather STPE® meets the following standards:

- AATCC 127 TM127 - Water Resistance
- ASTM E2357 - Assembly Air Leakage
- ASTM E84 Class A - Flame Spread Index and Smoke Development
- NFPA 285 (see Henry NFPA 285 Air Barrier Assemblies Tech-Talk Bulletin)

Air-Bloc All Weather STPE is compatible and suitable for application onto the following substrates: exterior-grade gypsum sheathing, plywood, oriented strand board “OSB”, concrete masonry unit “CMU”, precast and cast-in-place concrete, primed steel, aluminum mill finish, anodized aluminum, and galvanized metal.

Air-Bloc All Weather STPE is compatible with the following commonly used Henry accessory products, subject to the product position and maximum service temperature as indicated:

Accessory Product	Accessory Product Position	Maximum Service Temp
Blueskin SA, Blueskin TWF (includes LT)	Over primed substrate**, under All-Weather STPE	158°F (70°C)*
Blueskin Butyl Flash, Blueskin VP160	Over All-Weather STPE prepped with Aquatac Primer	160°F (71°C)
Blueskin Butyl Flash, Blueskin VP160, Blueskin Metal Clad (including LT)	Over primed substrate**, under All-Weather STPE	180°F (82°C)*
Air-Bloc LF	Over substrate under All-Weather STPE OR Over All-Weather STPE	200°F (93°C)*
925 BES Sealant	Over substrate under All-Weather STPE OR Over All-Weather STPE	180°F (82°C)*

Basis: AAMA 713, 2 weeks at test temperature.

*Limited by published upper service temp of accessory item

**Prepare substrate accepting self-adhered flashing with Henry adhesive/primer as indicated in respective Product Data Sheet

Air-Bloc All Weather STPE does not contain lead, PBDE or PCBs. The maximum VOC content of Air-Bloc All Weather STPE is 25 g/L.

Air-Bloc All Weather STPE Burn Properties at 20 mils dry film thickness: Peak heat release rate of less than 150 kW/m², a total heat release of less than 20MJ/ m² and an effective heat of combustion of less than 18MJ/kg. Horizontal orientation 50 kW/m² heat flux, ASTM E 1354. Flame spread index of 25 or less and a smoke-developed index of less than 450. Full-coverage coating on cement board with coating facing the fire, ASTM E84 (see technical data sheet for reported test results).

Refer to the product technical data sheet for further information or contact Henry.