

Polyguard[®] Airlok[®] STPE WRB Series Fluid-Applied Air & Moisture Barrier

Features & Benefits

Our Airlok[®] STPE WRB above-grade, fluid-applied air & water resistive system is designed to prevent the infiltration and exfiltration of moisture and air. The system has been developed to meet the design and construction needs of a vapor-permeable air barrier membrane on projects across the country. Airlok[®] STPE WRB products are a seamless solution specifically designed to protect the building envelope and increase energy efficiency while guarding the structure from mold growth and moisture damage.

- **Airlok[®] STPE WRB Spray-N-Roll**

Strengths – A sprayable, high-solids, elastomeric, Sil-Terminated Polyether coating with <20 (g/l) VOC; permeable up to 15 perms with standard application at 23 mils wet for curing down to 20 mils dry. Can be applied at temperatures of 25°F (-4°C) and rising. ABAA evaluated and NFPA 285 compliant.

Limitations – Six (6) months of UV exposure.

Uses – Typical applications include exterior-grade gypsum sheeting, poured concrete, concrete masonry walls (CMU), plywood, and oriented strand board (OSB) in cold weather climates.

- **Airlok[®] STPE WRB Flash-N-Roll**

Strengths – A roller-grade, 100%-solids, elastomeric, Sil-Terminated Polyether coating for air barrier membrane and/or flashing applications; with <23 (g/l) VOC; permeable up to 23 perms with standard application at 20 mils for air barrier performance or 25 mils for flashing performance. Can be applied at temperatures of 25°F (-4°C) and rising.

Limitations – Twelve (12) months of UV exposure.

Uses – Typical air barrier membrane and flashing applications include exterior-grade gypsum sheeting, poured concrete, concrete masonry walls (CMU), plywood, and oriented strand board (OSB) in cold weather climates.

- **Airlok[®] STPE WRB Gun-N-Spread**

Strengths – A gun-and-trowel-grade, 100%-solids, elastomeric, Sil-Terminated Polyether flashing material with <20 (g/l) VOC; permeable up to 8 perms with standard application at 25 mils. Can be applied at temperatures of 25°F (-4°C) and rising.

Limitations – Twelve (12) months of UV exposure.

Uses – Typical flashing applications include exterior-grade gypsum sheeting, poured concrete, concrete masonry walls (CMU), plywood, and oriented strand board (OSB) in cold weather climates.

- **Airlok[®] STPE WRB Detail-N-Joint**

Strengths – A fiber-filled, 100%-solids, impermeable, elastomeric, Sil-Terminated Polyether joint filler and transition flashing material with <20 (g/l) VOC at the application rate of 25 mils. Can be applied at temperatures of 25°F (-4°C) and rising.

Limitations – Twelve (12) months of UV exposure.

Uses – Typical joint filler and transition flashing applications include exterior-grade gypsum sheeting, poured concrete, concrete masonry walls (CMU), plywood, and oriented strand board (OSB) in cold weather climates.

- **Detail Sealant PW[™]**

Strengths – A 100%-solids, impermeable, elastomeric, Sil-Terminated Polyether joint filler and transition flashing material with 0 (g/l) VOC at the application rate of 25 mils. Can be applied at temperatures of 25°F (-4°C) and rising.

Limitations – Twelve (12) months of UV exposure.

Uses – Typical joint filler and transition flashing applications include exterior-grade gypsum sheeting, poured concrete, concrete masonry walls (CMU), plywood, and oriented strand board (OSB) in cold weather climates.