Teifs™

WeatherSeal Roll-On

Roll-On Waterproof Membrane & Air Barrier

Testing	Method ICC	and ASTM E2570 Criteria	Results
Accelerated Weathering	AC 212	25 Cycles followed by Hydrostatic Pressure Test: No water penetration on the plane of the exterior facing side of the substrate.	Pass: no water penetration
Air Infiltration	ASTM E2178	Calculated flow Rate at 75 Pa (1.57 lb/ft2, 0.3 in H2O) = < 0.02 L/m2*s (< 0.004 cfm/ft2)	< .00001 L/m2*s (0.00001 cfm/ft2) at 75 Pa (1.57 lb/ ft2, 0.3 in H2O)
Air Leakage	ASTM E283No	Criteria	< 0.004 cfm/ft2
Elongation	ASTM D412	No Criteria	360%
Flexibility	ASTM D522	No Criteria	No Cracking at 1/8" (3 mm)
Freeze-Thaw Resistance	ASTM E 2485	10 Cycles	Pass – No Deleterious Effects
Hydrostatic Pressure Test	AATCC 127 (Water Column)	Resist 21.6 in (55 cm) water for 5 hours before and after aging	Pass: no water penetration
Nail Seal ability, Head of Water	ASTM D1970	No Criteria	Pass 5 inches of water
Racking	ASTM E72	Deflection at 1/8 in (3.2 mm)	Pass -No cracking at field, joints or flashing connection
Restrained Environmental	ICC ES AC 212 / ASTM E2570	5 Cycles of wetting and drying	Pass -No cracking at field, joints or flashing connection
Structural Loading	ASTM E1233 Procedure A	10 Cycles @ 80% design load	Pass -No cracking at field, joints or flashing connection
Surface Burning Characteristics	ASTM E84	ICC and ASTM E2568 Flame Spread <25 Smoke Developed <450	Flame Spread =0 Smoke Developed =0
Tensile Bond Strength	ASTM E 2134/ ASTM C 297	Minimum 15 psi (104 kPa)	Pass all listed substrates and flashing materials
Water Resistance	ASTM D 2247	14 Days	Pass – No Deleterious Effects.
Water Penetration	ASTM E331	2.86 psf (137 Pa) for 15 minutes	Pass 25.4 psf (1216 Pa) for 165 minutes
Water Penetration	ASTM E331	Tested after Structural Loading, Racking and Restrained Environmental Cycling at 2.86 psf (137 Pa) for 15 minutes	No Water Penetration
Water vapor transmission	ASTM E96 Procedure B	Vapor Permeable	12. perms
Weathering	ICC ES AC 212 / ASTM E2570 210 hours of UV	Exposure, 25 cycles of accelerated weatherin, 21.6 in (549 mm) water column for 5 hours	Pass
Wind Driven Rain	F.S. TT-C-555B	No Criteria	Pass
VOC	EPA Reference Test Method 24	US EPA, South Coast AQMD and Greenseal Standard	10 g/L
Regional Harvest		LEED MRc 5.1	100% at all facilities

DESCRIPTION:

- 100 percent acrylic elastomeric waterproof membrane and air barrier which can be either rolled, brushed, or spray applied
- Extremely flexible: can bridge cracks and accommodate small movements up to 1/32 in. (.8 mm)
- Designed for use as water-resistive barrier
- Bridges 1/4 in. (6 mm) gaps at sheathing board joints with Sheathing Tape embedded.

USES:

- Water-resistive barrier coating for application to glass mat gypsum sheathing, exterior-grade gypsum sheathing, CDX plywood, OSB, and cement board sheathing (Consult Acceptable Substrate and Area of UseTechnical bulletin for more details.)
- Contact the Parex USA Technical Services Department for further options

COMPOSITION:

- Binder base: 100 percent acrylic elastomeric polymer with surface-hardening property
- Water based VOC compliant
- Solids:
  - By weight: 68 percent
  - By volume: 54 percent
- Color: Light Blue
- Appearance: Flat non-gloss smooth finish

COVERAGE:
Depending on the condition of the substrate and method of application, approximate coverages are:

- Approximately 400 - 500 sq. ft. (37-46 sq. m.) per pail
- To Embed Sheathing Joint Tape: Approximately 500 linear feet (152 m) per pail

CONTAINER:
55 lb (25.4 kg) net weight in plastic pails

- Storage: Protect from sun and freezing at all times
  - Do not stack pails more than 3 pails high
- Shelf Life: One year if properly stored.

DRYING TIME:
Typically 1-4 hours depending upon temperature, humidity and substrate.

CLEAN-UP:
Water soluble prior to drying. Clean tools and containers with water prior to drying.

SURFACE PREPARATION:

- Remove surface contaminants such as dust or dirt without damaging the substrate.
- Painted substrates must have the paint removed by methods which result in no more than 10 percent of the remaining surface having paint.
- For additional options for surface preparation, contact Parex USA Technical Services Department.

MIXING:

- Use clean equipment for mixing and preparation.
- Stir Teifs WeatherSeal Roll-On to a uniform consistency. Avoid creating air bubbles or foam.
- For some spray applications it may be necessary to thin Teifs WeatherSeal Roll-On slightly. Use only clean potable water and add sparingly, never more than 16 oz (0.5 L) per pail, because thinning can reduce film thickness.
- No additives of any kind, such as rapid binders, anti-freeze, accelerators, fillers, pigments, etc. should be added under any circumstances.

APPLICATION:

- Read the entire label before using this product, applying Teifs WeatherSeal Roll-On as packaged.
- Wood, concrete and mansonry substrates require two coats of Teifs WeatherSeal Roll-On. Install the substrate according to manufacture's recommendation and according to the Suitable Substrate and Area of Use Technical Bulletin.
- Teifs WeatherSeal Roll-On is easily applied with roller, brush or suitable spray equipment. Sprayed applications require backrolling. Contact Parex USA Technical Services for recommended spray equipment.
- Use 1 1/4 in. (32 mm) or 1 3/8 in. (35 mm) nap roller designed for applying latex paints.
- Apply WeatherSeal Roll-On approximately 6 in. (150 mm) wide centered over:
  - Sheathing joints
  - Gaps in sheathing up to 1/4 in. (6mm) wide
  - Open holes up to 1 in. (25mm) across
  - Back flanges of flashings and track Immediately place the Sheathing Joint Tape centered in the wet Teifs WeatherSeal Roll-On. Run a trowel or taping knife over the sheathing joint tape to embed it and into the wet Teifs WeatherSeal Roll-On up into it. Do not let Teifs WeatherSeal Roll-On skin over before applying and embedding Sheathing Joint Tape. Work in small enough areas to ensure that Teifs WeatherSeal Roll-On is wet when Sheathing Joint Tape is embedded in it. If Teifs WeatherSeal Roll-On does skin over before embedding Sheathing Joint Tape, scrape off semi-liquid Teifs WeatherSeal Roll-On or let it dry and re-apply. Correct larger gaps and holes by replacing sheathing.
- Apply Teifs WeatherSeal Roll-On over the entire outer sheathing surface, at a rate of not more than 100 sq. ft. per gal. (2.4 sq. m. per L), once Sheathing Joint Tape is firmly embedded, approximately 10-12 wet mils. The transparency of the Teifs WeatherSeal Roll-On is not an indication of the thickness.

LIMITATIONS:

- Ambient and surface temperatures must be 40°F (4°C) or higher during application and drying time. Provide supplemental heat and protection from precipitation as needed.
- Use only on surfaces that are sound, clean, dry, and free from any residue which may affect the ability of the Teifs WeatherSeal Roll-On to bond to the surface.
- Not for use below grade
- Not for water immersion
- Teifs WeatherSeal Roll-On may be left unprotected on the wall for up to 6 months. However, the surface must be clean of all dirt and contaminants before the application of EIFS adhesive. Contact Parex USA Technica Services in case of longer exposures

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