

## WeatherBlock SP1 Spray & Roll-On Air & Vapor Barrier Waterproof Membrane

Test	Method	ICC and ASTM Criteria	Results
Elongation	ASTM D412	No Criteria	>400%
Tensile Bond Strength	ASTM E 2134/ ASTM C 297	Minimum 15 psi (104 kPa)	Pass
Water Vapor Transmission	ASTM E96 Procedure B	Vapor Barrier	Class I



### DESCRIPTION:

- Acrylic co-polymer fast drying vapor impermeable, elastomeric waterproof and air barrier coating which can be either rolled, brushed, or spray applied.
- Designed for use as vapor barrier behind exterior claddings.
- Extremely flexible: can bridge cracks and accommodate small movements up to 1/32 in. (0.8mm).
- Bridges 1/8 in. (3mm) gaps at sheathing board joints with Parex USA 396 Sheathing Tape embedded.
- VOC: Low VOC
- Color: Light Green

### USES:

- Vapor retarder coating for application to glass mat gypsum sheathing, exterior-grade gypsum sheathing, CDX plywood, OSB, concrete, CMU, brick and cement board sheathing.
- Water resistive and air barrier
- **CAUTION:** Consult "Acceptable Substrate and Area of Use" Technical bulletin for more details.
- Contact the Parex USA Technical Support for further options.

### COMPOSITION:

- Binder base: Acrylic co-polymer elastomeric with surface-hardening property.
- Water based VOC compliant
- Solids:
  - By weight: 71.35%
- Appearance: Flat smooth finish

**COVERAGE:**

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

- 100-125 ft<sup>2</sup>. (9-12 m<sup>2</sup>) per pail (when 2 coats needed)
- 200-250 ft<sup>2</sup>. (18-23 m<sup>2</sup>) per pail (when 1 coat needed)

**CONTAINER:**

60 lb (27.2 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: Reference Parex USA Expiration Date of Products Technical Bulletin.

**DRYING TIME:**

Typically 45 min - 2 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% of the remaining surface having paint.
- For additional options for surface preparation, contact Parex USA Technical Support.

**MIXING:**

- Use clean equipment for mixing and preparation.
- Stir WeatherBlock SP1 Spray & Roll-On to a uniform consistency. Avoid creating air bubbles or foam.
- For some spray applications it may be necessary to thin WeatherBlock SP1 Spray & Roll-On slightly. Use only clean potable water and add sparingly, never more than 16 oz (0.5L) per pail, because thinning can reduce film thickness.
- Non Parex approved additives of any kind, such as rapid binders, anti-freeze, accelerators, fillers, pigments, etc. should not be added under any circumstances.

**APPLICATION:**

- Read entire label before using this product.
- Wood, concrete and masonry substrates require two coats of WeatherBlock SP1 Spray & Roll-On. Exterior grade gypsum sheathing only requires two coats if Class 1 Vapor Barrier is required.
- WeatherBlock SP1 Spray & Roll-On is easily applied with roller, brush or suitable spray equipment. Sprayed applications require backrolling. Contact Parex USA Technical Support for recommended spray equipment.
- Use 1 1/4 in. (32mm) or 1 3/8 in. (35mm) nap roller designed for applying latex paints.
- Apply WeatherBlock SP1 Spray & Roll-On approximately 6 in. (150mm) 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 Parex USA 396 Sheathing Joint Tape centered in the wet WeatherBlock SP1 Spray & Roll-On. Run a trowel or taping knife over the sheathing joint tape to embed it and into the wet WeatherBlock SP1 Spray & Roll-On up into it. Do not let WeatherBlock SP1 Spray & Roll-On skin over before applying and embedding Parex USA 396 Sheathing Joint Tape. Work in small enough areas to ensure that WeatherBlock SP1 Spray & Roll-On is wet when Parex USA 396 Sheathing Joint Tape is embedded in it. If WeatherBlock SP1 Spray & Roll-On does skin over before embedding Parex USA 396 Sheathing Joint Tape, scrape off semi-liquid WeatherBlock Spray & Roll-On or let it dry and re-apply.
  - Apply additional WeatherBlock to entirely cover the Sheathing Joint Tape.
  - Correct larger gaps and holes by replacing sheathing.
- Apply WeatherBlock SP1 Spray & Roll-On over the entire outer sheathing surface, at a rate of not more than 50 ft<sup>2</sup> per gal. (1.2 m<sup>2</sup>/l), once Parex

USA 396 Sheathing Joint Tape is firmly embedded. Apply 60 wet mils (approx 40 dry mils) in min two coats. Multiple coats should be allowed to dry between coats. Check the film thickness with a wet film thickness gauge. The transparency of the WeatherBlock SP1 Spray & Roll-On is not an indication of the thickness.

- For spray applications, strain the material using a paint strainer.

**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 WeatherBlock SP1 Spray & Roll-On to bond to the surface.
- Not for water immersion
- WeatherBlock SP1 Spray & Roll-On may be left unprotected on the wall for up to 30 days. However, the surface must be clean of all dirt and contaminants before the application of EIFS adhesive. Contact Parex USA Technical Support in case of longer exposures.
- For mixed climate zones, vapor permeable products should be considered.
- Stucco claddings require the use of a slipsheet installed over WeatherBlock SP1 Spray & Roll-On to prevent adhesion of stucco.
- Improper location of a vapor-impermeable barrier within a wall assembly can negatively affect long term performance of the building.

**WARNING:**

- Read complete Warning information printed on product container prior to use. For medical emergency information, call 1-800-424-9300.
- For more information on handling this product refer to its Safety Data Sheet (SDS). The most current SDS and Product Data Sheet (PDS) can be found on our website.
- This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Parex USA, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

Parex USA, Inc.  
4125 E. La Palma Ave., Suite 250  
Anaheim, CA 92807  
(866) 516-0061 Tech Support: (800) 226-2424



EIMA

SMA

PAREXUSA  
SUSTAINABILITY