WeatherSeal VP AB LT
Waterproof Membrane & Air Barrier

DESCRIPTION
- For use in cold weather between 20°F (-7°C) and 40°F (4°C).
- 100% 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. (0.8mm).
- Designed for use as water-resistant barrier behind exterior claddings
- Bridges 1/4 in. (6mm) gaps at sheathing board joints with WeatherTech 396 Sheathing Tape embedded.

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

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

EVALUATION REPORT & TESTING
- ABAA Evaluated - ASTM 2357 Compliant
- ASHRAE 90.1 Compliant
- ASHRAE 189.1 Compliant
- ICC Code Recognition
Depending on the condition of the substrate and method of application, see approximate coverage in the table below.

### CONTAINER
- **55 lb (25.0 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 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 Support.

### MIXING
- Use clean equipment for mixing and preparation.
- Stir WeatherSeal VP AB LT to a uniform consistency. Avoid creating air bubbles or foam.

### ROLLER APPLICATION
- Use 3/4 in. to 1 1/4 in. (19–32mm) nap roller designed for applying latex paints.
- Apply WeatherSeal VP AB LT 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

### APPEARANCE
- For some spray applications it may be necessary to thin WeatherSeal VP AB LT slightly. Use only clean potable water and add sparingly, never more than 16 oz (0.5L) 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.**
- Install the substrate according to manufacturer’s recommendation and according to the Suitable Substrate and Area of Use Technical Bulletin.
- WeatherSeal VP AB LT is easily applied with roller, brush or suitable spray equipment. For sprayed applications, see Parex USA Technical Bulletin for Spraying WeatherSeal VP AB LT.
- For spray applications, strain the material using a paint strainer.

### SHEATHING NUMBER OF MINIMUM COATS ON SHEATHING

<table>
<thead>
<tr>
<th>Sheathing</th>
<th>Number of minimum Coats on Average required for full coverage</th>
<th>Average Coverage Per Coat</th>
<th>Average Coverage Per Pail</th>
<th>Application Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Embedding 4” Wide WeatherTech Sheathing Joint Tape</td>
<td>1 coat</td>
<td>350-400 ft²</td>
<td>500 lineal feet</td>
<td>Thicker applications can cause running an dripping of the product.</td>
</tr>
<tr>
<td>Fiberglass Faced &amp; Exterior Grade Gypsum Sheathing</td>
<td>1 coat</td>
<td>350-400 ft²</td>
<td>350-400 ft²</td>
<td>Thicker applications can cause running an dripping of the product.</td>
</tr>
<tr>
<td>Plywood PS-1 C/D or PS-2 C/D</td>
<td>2 coats</td>
<td>500 ft²</td>
<td>250-300 ft²</td>
<td>Normal irregularities in the profile, will produce variation in dry film thickness.</td>
</tr>
<tr>
<td>Plywood PS-1 C plugged (or better)</td>
<td>1 coat</td>
<td>350-400 ft²</td>
<td>350-400 ft²</td>
<td>Thicker applications can cause running and dripping of the product.</td>
</tr>
<tr>
<td>Oriented Strand Board (OSB)</td>
<td>2 coats</td>
<td>500 ft²</td>
<td>250-300 ft²</td>
<td>The edges of the exposed wood strands can sometimes swell from the application of the WeatherSeal causing breaks in the coating, which must be touched up before application of the cladding.</td>
</tr>
<tr>
<td>Fiber-Mat Reinforced Cementitious Backer Units</td>
<td>2 coats</td>
<td>500 ft²</td>
<td>250-300 ft²</td>
<td>If voids exist, they must be filled or leveled with Parex USA Stucco Level Coat before application of the WeatherSeal VP AB LT.</td>
</tr>
<tr>
<td>Cast or Precast concrete</td>
<td>1 coat</td>
<td>350-400 ft²</td>
<td>350-400 ft²</td>
<td>If voids still exist after 2 coats – additional coats may be necessary, coverage is dependant upon porosity.</td>
</tr>
<tr>
<td>Concrete Masonry Units</td>
<td>2 coats</td>
<td>350-400 ft²</td>
<td>350-400 ft²</td>
<td>If voids still exist after 2 coats – additional coats may be necessary, coverage is dependant upon porosity.</td>
</tr>
</tbody>
</table>

*Minimum number of coats required or/as otherwise required by Specification or Building Code*

- **CAST OR PRECAST CONCRETE**
  - 1 coat after skimming with Stucco Level Coat

- **CONCRETE MASONRY UNITS**
  - 350-400 ft²

- **PS-1 C plugged (or better)**
  - Thicker applications can cause running and dripping of the product.

- **Oriented Strand Board (OSB)**
  - Thicker applications can cause running and dripping of the product.

- **Embedding 4” Wide WeatherTech Sheathing Joint Tape**
  - Thicker applications can cause running and dripping of the product.

- **Fiberglass Faced & Exterior Grade Gypsum Sheathing**
  - Thicker applications can cause running and dripping of the product.

- **Plywood PS-1 C/D or PS-2 C/D**
  - Normal irregularities in the profile, will produce variation in dry film thickness.

- **Plywood PS-1 C plugged (or better)**
  - Thicker applications can cause running and dripping of the product.

- **Oriented Strand Board (OSB)**
  - The edges of the exposed wood strands can sometimes swell from the application of the WeatherSeal causing breaks in the coating, which must be touched up before application of the cladding.

- **Fiber-Mat Reinforced Cementitious Backer Units**
  - If voids exist, they must be filled or leveled with Parex USA Stucco Level Coat before application of the WeatherSeal VP AB LT.

- **Cast or Precast concrete**
  - If voids still exist after 2 coats – additional coats may be necessary, coverage is dependant upon porosity.

- **Concrete Masonry Units**
  - If voids still exist after 2 coats – additional coats may be necessary, coverage is dependant upon porosity.
LIMITATIONS

- Ambient and surface temperatures must be between 20°F (-7°C) and 40°F (4°C) 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 WeatherSeal VP AB LT to bond to the surface.
- Not for use below grade.
- Not for water immersion.
- WeatherSeal VP AB LT may be left unprotected on the wall for up to 6 months. Contact Parex USA Technical Support in case of longer exposures.
- NOT FOR SALE OR USE IN CALIFORNIA OR ARIZONA DUE TO VOC REGULATIONS.

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.

<table>
<thead>
<tr>
<th>WeatherSeal VP AB LT Testing</th>
<th>Method</th>
<th>ICC and ASTM E2570 Criteria</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accelerated Weathering</td>
<td>AC 212</td>
<td>25 Cycles followed by Hydrostatic Pressure Test</td>
<td>No water penetration</td>
</tr>
<tr>
<td>Air Infiltration</td>
<td>ASTM E2178</td>
<td>Calculated flow Rate at 75 Pa (1.57 lb/ft², 0.3 in H2O) = 0.02 L/m²s (0.004 cm³/s/m²)</td>
<td>No water penetration</td>
</tr>
<tr>
<td>Air Leakage of Air Barrier Assemblies</td>
<td>ASTM E2357</td>
<td>ASTM E2357</td>
<td>No water penetration</td>
</tr>
<tr>
<td>Air Leakage</td>
<td>ASTM E283</td>
<td>No Criteria</td>
<td>&lt; 0.004 cm³/s/m²</td>
</tr>
<tr>
<td>Elongation</td>
<td>ASTM D412</td>
<td>No Criteria</td>
<td>360%</td>
</tr>
<tr>
<td>Tensile Bond</td>
<td>ASTM D4541</td>
<td>&gt; 15 psi</td>
<td>28 psi</td>
</tr>
<tr>
<td>Freeze-Thaw Resistance</td>
<td>ASTM E2485</td>
<td>10 Cycles</td>
<td>No Deleterious Effects</td>
</tr>
<tr>
<td>Hydrostatic Pressure Test</td>
<td>AATCC 127 (Water Column)</td>
<td>Resist 21.6 in (55 cm) water for 5 hours before and after aging</td>
<td>No water penetration</td>
</tr>
<tr>
<td>Nail Seal ability, Head of Water</td>
<td>ASTM D1970</td>
<td>No Criteria</td>
<td>5 inches of water</td>
</tr>
<tr>
<td>Evaluation of Fire Propagation</td>
<td>NFPA 285</td>
<td>In Accordance with IBC Chapter 26</td>
<td>Meets requirements for use on all types of construction</td>
</tr>
<tr>
<td>Radiant heat exposure</td>
<td>NFPA 268</td>
<td>In Accordance with IBC Chapter 26</td>
<td>No ignition upon 20 minute radiant heat exposure at 1.25 W/cm²</td>
</tr>
<tr>
<td>Racking</td>
<td>ASTM E72</td>
<td>Deflection at 1/8 in (3.2mm)</td>
<td>No cracking at field, joints or flashing connection</td>
</tr>
<tr>
<td>Restrained Environmental</td>
<td>ICC ES AC 212 / ASTM E2570</td>
<td>5 Cycles of wetting and drying</td>
<td>No cracking at field, joints or flashing connection</td>
</tr>
<tr>
<td>Structural Loading</td>
<td>ASTM E1233 Procedure A</td>
<td>10 Cycles @ 80% design load</td>
<td>No cracking at field, joints or flashing connection</td>
</tr>
<tr>
<td>Surface Burning Characteristics</td>
<td>ASTM E84</td>
<td>Flame Spread &lt;25 Smoke Developed &lt;450</td>
<td>Flame Spread =0 Smoke Developed =0</td>
</tr>
<tr>
<td>Tensile Bond Strength</td>
<td>ASTM E 2134/ ASTM C 297</td>
<td>Minimum 15 psi (104 kPa)</td>
<td>Pass all listed substrates and flashing materials</td>
</tr>
<tr>
<td>Water Resistance</td>
<td>ASTM D 2247</td>
<td>14 Days</td>
<td>No Deleterious Effects</td>
</tr>
<tr>
<td>Water Penetration</td>
<td>ASTM E331</td>
<td>2.86 psf (137 Pa) for 15 minutes</td>
<td>25.4 psf (1216 Pa) for 165 minutes</td>
</tr>
<tr>
<td>Water Penetration</td>
<td>ASTM E331</td>
<td>Tested after Structural Loading, Racking and Restrained Environmental Cycling at 2.86 psf (137 Pa) for 15 minutes</td>
<td>No Water Penetration</td>
</tr>
<tr>
<td>Water vapor transmission</td>
<td>ASTM E96 Procedure B</td>
<td>Vapor Permeable</td>
<td>12.0 perms</td>
</tr>
<tr>
<td>Weathering</td>
<td>ICC ES AC 212 / ASTM E2570</td>
<td>210 hours of UV Exposure, 25 cycles of accelerated weathering, 21.6 in (549mm) water column for 5 hours</td>
<td>Pass</td>
</tr>
<tr>
<td>Wind Driven Rain</td>
<td>F.S. TT-C-555</td>
<td>No Criteria</td>
<td>Pass</td>
</tr>
<tr>
<td>VOC</td>
<td>EPA Reference Test Method 24</td>
<td>US EPA, South Coast AQMD and Greenseal Standard</td>
<td>10 g/L (Meets SCAQMD Rule 1113)</td>
</tr>
<tr>
<td>Regional Harvest</td>
<td>LEED MRc 5.1</td>
<td>100% at all facilities</td>
<td></td>
</tr>
</tbody>
</table>