121 Dustless
Basecoat & Adhesive

DESCRIPTION:
- Produces less dust than traditional products.
- Basecoat for Parex CI
- Increased adhesion to laminate EPS to listed substrates.
- Applied without the addition of cement.
- Less dust when mixing on site with water.
- Excellent workability, longer open time.

USES:
- EPS adhesive for the following substrates:
  - Exterior grade gypsum sheathing
  - Glass mat gypsum sheathing
  - Masonry, concrete and cement board
  - EPS
  - Parex USA WeatherSeal Spray & Roll-On and WeatherSeal Trowel-On Water Resistive Barrier Coatings
- Basecoat for Parex NuTech WaterMaster and other architectural coatings and finishes.
- Leveler and filler for masonry, concrete, stucco surfaces. For this application only, 121 Dustless Basecoat & Adhesive can be built up to 1/4 in. (6 mm) thick in a single pass.

COMPOSITION:
- Binder base: Copolymer compatible with portland cement
- Water base: VOC-Compliant
- Color: Light gray

WORKING TIME:
Pot life is 1–2 hours after water has been added. Open time is affected by humidity and temperature.

DRYING TIME:
Full adhesive bond strength is reached after 1–4 days, depending on humidity and temperature. Dries within 24 hours under normal drying conditions [70°F (21°C), 50% RH]. Cold and/or humid weather may extend drying time. Parex USA Accel-Pak may be added to decrease drying time. See Data sheet for more information.

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

<table>
<thead>
<tr>
<th>TEST</th>
<th>METHOD</th>
<th>CRITERIA</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accelerated Weathering*</td>
<td>ASTM G153 (ASTM G 23) ASTM G154</td>
<td>No deleterious effects at 2000 hours when viewed under 5x magnification</td>
<td>Pass</td>
</tr>
<tr>
<td>Fungus Resistance</td>
<td>MIL STD 810B</td>
<td>28 days: no growth</td>
<td></td>
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<tr>
<td>Freeze/Thaw Resistance*</td>
<td>ASTM E2485</td>
<td>No deleterious effects at 10 cycles when viewed under 5x magnification</td>
<td>Pass</td>
</tr>
<tr>
<td>Impact Strength</td>
<td>EIMA 101.86 / ASTM E2486</td>
<td>Standard Impact</td>
<td>Pass with Standard Mesh, Higher Impact Ranges per Mesh</td>
</tr>
<tr>
<td>Mildew Resistance</td>
<td>ASTM D3273</td>
<td>No growth supported during 28 day exposure period</td>
<td>Pass</td>
</tr>
<tr>
<td>Water Penetration</td>
<td>ASTM E331</td>
<td>No water penetration beyond the plane of the Basecoat/EPS board interface after 15 minutes at 6.24 psf (299 Pa)</td>
<td>Pass</td>
</tr>
<tr>
<td>Moisture Resistance</td>
<td>ASTM D2247</td>
<td>No deleterious effects at 14 day exposure</td>
<td>Pass</td>
</tr>
<tr>
<td>Salt Fog Resistance*</td>
<td>ASTM B117</td>
<td>No deleterious effects at 300 hours</td>
<td>Pass: 500 hrs</td>
</tr>
<tr>
<td>Surface Burning Characteristics</td>
<td>ASTM E84</td>
<td>&lt; 25 Flame Spread &lt; 450 Smoke Developed</td>
<td>Flame Spread: 0 Smoke Developed: 10</td>
</tr>
<tr>
<td>Tensile Adhesion (psi)</td>
<td>ASTM C297</td>
<td>&gt; 15 psi or no failure of adhesive</td>
<td>Pass: Concrete, Gypsum Sheathing, Dens-Glass Gold, Cement Board</td>
</tr>
<tr>
<td>Water Penetration</td>
<td>ASTM E331</td>
<td>No water penetration beyond the inner-most plane of the wall after 2 hours at 299 Pa (6.24 psf)</td>
<td>Pass</td>
</tr>
<tr>
<td>Water Vapor Transmission</td>
<td>ASTM E96 Procedure B</td>
<td>Vapor Permeable</td>
<td>Permeable</td>
</tr>
<tr>
<td>Wind-Driven Rain</td>
<td>F.S. TT-C-5558</td>
<td>24Hrs: No penetration of water</td>
<td></td>
</tr>
</tbody>
</table>

* Tested with Parex USA Reinforcing mesh and DPR Finish Coat
COVERAGE:
Depending on the condition of the substrate and method of application, approximate coverages per bag are:
- As an adhesive:
  5/16 in. (8mm) notched trowel:
  130-140 ft² (12-13 m²)
  5/8 in. (16mm) notched trowel:
  92-100 ft² (9-9 m²)
- 1/2 in. (12.7mm) notched trowel:
  113-120 ft² (10.5 - 11.2 m²)
- 1/4 in. (6mm) notched trowel:
  113-120 ft² (10.5 - 11.2 m²)
- As a basecoat to embed 355 Parex USA Standard Mesh:
  75-95 ft² (7-9 m²)
- As a double-layer basecoat to embed 355 Parex USA Standard Mesh and 358.20 Ultra High Impact Mesh:
  35-55 ft² (3.3-5.1 sq m)
- As a leveller, coverage depends upon the thickness applied.

CONTAINER:
50 lbs. (22.7 kgs) net weight in multiwall moisture-resistant bags.

Storage: Store off the ground and protect from sun and moisture.

Shelf life: Reference Parex USA Expiration Date of Products Technical Bulletin.

SURFACE PREPARATION:
- Planar irregularities are limited to 1/4 in. (6mm) or less in a 4 ft. (1.22 m) radius. Surface irregularities are limited to 1/4 in. (6mm) or less for masonry and concrete and 1/8 in. (3mm) or less for sheathing.
- Irregular and uneven surface should be filled with Parex 121 Dustless Basecoat & Adhesive.
- Remove surface contaminants such as dust or dirt without damaging the substrate.
- Painted substrates must have the paint removed with methods that result in no more than 10% 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.
- Add 5-6 quarts (4.7-5.7 L) of cool clean potable water to a 5 gal pail. Add half of the amount of 121 Dustless Basecoat & Adhesive and mix to a homogenous consistency using a heavy-duty 1/2 in. (13 mm) drill with a rust-free paddle at 400-500 rpm. Then add the remaining half and mix until consistent.
- Small amounts of cool clean potable water may be added to adjust workability.
- Let the mixture stand for five minutes after initial mixing, then stir again, adding small amounts of water for workability once only.
- Parex 121 Dustless Basecoat & Adhesive should be used immediately after mixing.
- Half batches may be mixed for convenience.
- Only Parex USA approved additives can be added to this product.

APPLICATION:
- Read the entire label before using this product.
- Adhesive Application: Apply the 121 Dustless Basecoat & Adhesive to the entire surface on one face of the insulation board, using a 5/8 in. (16mm) notched trowel for masonry and concrete, or a 1/2-in. notched trowel for the WaterMaster Systems, or a 5/16 in. (8mm) notched trowel for sheathing. The adhesive ribbons should be of uniform thickness, run vertically when positioned on the wall (parallel to the 2 ft. [61 cm] board dimension), and reach the perimeter of the insulation board. To ensure high initial grab and uniform adhesive contact, apply insulation board to the wall with firm pressure to the entire surface. Apply sufficient pressure to flatten adhesive ridges. Glass mat sheathing requires extra pressure.
- Basecoat Application: Rasp EPS & Adhesive to bond to the surface. Application in direct sunlight in hot weather will significantly reduce open time for embedding Parex reinforcing mesh and smoothing the surface.
- Do not use as a leveler or filler. Apply Parex 121 Dustless Basecoat & Adhesive as a leveler to a smooth, uniform surface. Maximum thickness in a single application should be no more than 1/4 in. (6mm).
- When overlapping reinforcing mesh, special care must be taken to ensure the basecoat & mesh is flat, level and free from bumps. Basecoat should be feathered onto either side of the overlap. The mesh overlaps should be reviewed to ensure they are acceptably flat before proceeding. Refer to Technical Bulletin 61 “Overlapping Seams of Reinforcing Mesh” for more information.

LIMITATIONS:
- Ambient and surface temperature must be 40°F (4°C) or higher during application and curing time. Provide supplemental heat and protection from precipitation as needed.
- Use only on surfaces that are sound, clean, dry, unpainted (10% or less) and free from any residue which may affect the ability of the 121 Dustless Basecoat & Adhesive to bond to the surface.
- Do not use as a leveler for EPS. Rasp EPS level.

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.