PAREX®

121

Base Coat & Adhesive

121

DESCRIPTION:

- Base Coat for Parex EIFS
- Adhesive to laminate EPS to listed substrates
- 50 percent acrylic paste to 50 percent cement ratio
- Requires the addition of portland cement

USES:

- EPS adhesive for the following substrates:

  Exterior grade gypsum sheathing

  Glass mat sheathing

  Masonry, concrete and cement board

  EPS
- Base coat for Parex EIFS
- Leveler and filler for masonry, concrete and stucco surfaces. For this application only, 121 Base Coat and Adhesive can be built up to 3/8 in. (9.5mm) thick in a single pass.

COMPOSITION:

- Binder base: 100 percent acrylic polymers, compatible with portland cement
- Water based: VOC compliant
- Color: Light gray

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

- As an adhesive:
  Parex 5/16 in. (8mm) notched trowel:
  220 - 250 sq. ft. (20 - 23 sq. m.) /pail
  Parex 5/8 in. (16mm) notched trowel:
  170 - 190 sq. ft. (16 - 17 sq. m.) /pail
- As a base coat to embed Parex 355 Standard Mesh:
  180 - 210 sq. ft. (16.7 - 19.5 sq. m.) /pail
- As a double-layer Base Coat to embed Parex 355 Standard Mesh and 358.2 Ultra High Impact Mesh:
  150 - 190 sq. ft. (14 - 17 sq. m.) /pail
- As a leveler, coverage depends upon the thickness applied.

CONTAINER:
55 lb (25 kg) net weight in plastic pails.

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

WORKING TIME:
Sets up in 1-3 hours after cement has been added. Pot life time is affected by humidity and temperature.

DRYING TIME:
Full adhesive bond strength is reached after 1-4 days, depending on humidity and temperature.

CLEANUP:
Water soluble prior to drying. Clean tools and containers with water before polymer/cement mixture sets.

SURFACE PREPARATION:

- Planar irregularities are limited to 1/4 in. (6mm) in a 4 ft. (1,219mm) 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.
- Remove surface contaminants such as dust or dirt without damaging the substrate.
- Irregular and uneven surface should be filled with either Parex 121, 121 Dry, or 121 XL Base Coat & Adhesive
- 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 ParexLahabra Technical Services Department.

MIXING:

- Use clean equipment for mixing and preparation.
- Thoroughly mix one 55 lb. (25 kg) Parex 121 Base Coat & Adhesive pail with up to 1 gal. (3.75 L) of clean potable water, using a heavy duty 1/2 in. (13 mm) drill with a rust-free paddle at 400-500 rpm.
- Pre-measure 55 lb (25 kg) of portland cement.
- While stirring the 121 Base Coat & Adhesive, add small amounts of portland cement in increments to obtain a final ratio of 1:1, 121 Base Coat & Adhesive to portland cement.
- Small amounts of clean potable water may be added to adjust workability
- Let the mixture stand for five minutes after initial mixing, then stir again, re-tempering once only as needed for workability.
- Parex 121 Base Coat & Adhesive should be used immediately after tempering. Keep container closed when not in use.
- Half batches may be mixed for convenience.
- No additives of any kind, such as rapid binders, anti-freeze, accelerators, fillers, pigments, etc., should be added under any circumstance.

APPLICATION:

- Read the entire label before using this product.
- Adhesive Application: Apply the 121 Base Coat & Adhesive to the entire surface on one face of the insulation board, using a Parex 5/8 in. (16 mm) notched trowel for masonry and concrete or a Parex 5/16 in. (8 mm) notched trowel for sheathing. The ribbons should be of uniform thickness 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 gypsum sheathing requires extra pressure.
- Base Coat Application: Rasp EPS board after 24 hours and when adhesive has fully cured and bonded. Using a stainless steel trowel, apply the 121 Base Coat mixture to the rasped surface of the insulation board to a uniform thickness of 1/16 - 3/32 in. (1.5 - 2.4mm). Bed the Parex reinforcing mesh immediately in the wet 121 Base Coat & Adhesive mixture. Smooth the surface of the 121 Base Coat & Adhesive mixture with a trowel until the reinforcing mesh is fully embedded and the base coat thickness is approximately 1/16 in. (1.5mm). The color of the reinforcing mesh should not be visible at the surface of the 121 Base Coat & Adhesive material.
- As a leveler or filler: Apply Parex 121 Base Coat & Adhesive and trowel to a smooth, uniform surface. Maximum thickness in a single application will be no more than 3/8 in. (9.5mm).

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 and free from any residue which may affect the ability of the 121 Base Coat & Adhesive to bond to the surface.
- Avoid application in direct sunlight in hot weather.
- Do not use as a leveler for EPS. Rasp EPS level.

PAREX®

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