PAREX®

121 Optimum Wet

Premium Base Coat & Adhesive

DESCRIPTION:

- Base Coat for Parex Optimum EIFS
- Creates strong bond between EPS Insulation and the wall substrate
- 50 percent acrylic paste to 50 percent cement ratio
- Requires the addition of portland cement
- Higher solids content than standard wet base coat & adhesives.
- Enhanced flexibility
- Superior workability for ease of application

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
- Base Coat for Parex Nu-Tech Stucco and other architectural coatings and finishes (ACF).
- Leveler and filler for masonry, concrete and stucco surfaces. For this application only, 121 Optimum Wet Base Coat and Adhesive can be built up to 3/8 in. (9.5mm) thick in a single pass.

COMPOSITION:

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

WORKING TIME:

Pot life is 1-2 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. Dries within 24 hours under normal drying conditions [70ºF (21ºC), 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 polymer/cement mixture sets.

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

- As an adhesive:
  5/16 in. (8mm) notched trowel:
  220 - 250 sq. ft. (20 - 23 sq. m.) /pail
  5/8 in. (16mm) notched trowel:
  170 - 190 sq. ft. (16 - 17 sq. m.) /pail
- WaterMaster 1/2 in. (12.7mm) notched trowel:
  215-240 sq. ft. (20 - 22.3 sq. m.) /pail
- As a base coat to embed 355 Standard Mesh:
  180 - 210 sq. ft. (16.7 - 19.5 sq. m.) /pail
- As a double-layer Base Coat to 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 direct sunlight and freezing at all times
- Do not stack more than 3 pails high
- Shelf Life: 12 months if properly stored.

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 this product prior to applying as the 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 Parex USA Technical Services Department.

MIXING:

- Use clean equipment for mixing and preparation.
- Thoroughly mix one 55 lb. (25 kg) Parex 121 Optimum Wet Base Coat & Adhesive pail with up to 1 gal. (3.8 L) of cool, clean potable water, using a heavy duty 1/2 in. (13 mm) drill with a rust-free paddle at 400-500 rpm. Split evenly into two buckets.
- Pre-measure 55 lb (25 kg) of portland cement. Add half of the portland cement, 27.5 lb (5.67 kg) to each bucket as described below.
- While stirring the 121 Optimum Wet Base Coat & Adhesive, add small amounts of portland cement in increments to obtain a final ratio of 1:1 by weight, 121 Optimum Wet Base Coat & Adhesive to portland cement.
- A small amount (maximum 16 oz. (0.47 L) of cool, 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 Optimum Wet Base Coat & Adhesive should be used immediately after tempering. Keep container closed when not in use.
- 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 Optimum Wet Base Coat & Adhesive to the entire surface on one face of the insulation board, using a 5/8 in. (16 mm) notched trowel for masonry and concrete, or using a 1/2 in. notched trowel for The Optimum WaterMaster System, or a 5/16 in. (8 mm) notched trowel for sheathing. The 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 gypsum sheathing requires extra pressure.
- Base Coat Application: Rasp EPS board after 24 hours and when adhesive has fully cured and bonded (70ºF (21ºC), 50% RH]. Using a stainless steel trowel, apply the 121 Optimum Wet 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). Embed the Parex USA reinforcing mesh immediately in the wet 121 Optimum Wet Base Coat & Adhesive mixture. Smooth the surface of the 121 Optimum Wet 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. A slight pattern of the mesh is acceptable, due to shrinkage of the cementitious Base Coat upon drying.
- As a leveler or filler: Apply Parex 121 Optimum Wet 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 Optimum Wet Base Coat & 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 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 Material Safety Data Sheet (MSDS). The most current MSDS 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®
www.parex.com

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

Facilities
Redan, GA
Riverside, CA
French Camp, CA
Colorado Springs, CO
Albuquerque, NM
San Antonio, TX
Wilkes Barre, PA
Ft. Pierce, FL