



MicaMax 3

Finish | Basecoat & Adhesive

COMPOSITION:

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

CONTAINER:

- 55 lb (25 kg) net weight in plastic pails.
- Storage: Protect from direct sunlight and freezing at all times
- For pails, do not stack more than 3 pails high
- Shelf Life: Reference Parex USA Expiration Date of Products Technical Bulletin.

MICAMAX 3 FINISH:

DESCRIPTION:

- 100% Acrylic-based textured finish
- Unique Miox and Natural Mica incorporated into finish.
- Creates silvery white or black specs.
- Available in Miox Swirl, Natural Swirl, Miox Smooth and Natural Smooth textures.
- Can be sealed and reused on future products

USES:

- Exterior or interior finish coat over:
 - Parex EIFS
 - Properly prepared masonry, stucco, and concrete surfaces
 - Interior application over drywall, plaster, or properly prepared masonry or concrete

COVERAGE:

- 250-280 ft² (26-27.8 m²)

DRYING TIME:

24 hours under normal conditions. High humidity and low temperatures extend drying time.

CLEAN-UP:

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

SURFACE PREPARATION:

- Remove surface contaminants such as dust or dirt without damaging the substrate.
- For previously painted surfaces, all loose and chalking paint must be removed, and glossy surfaces dulled.
- Portland Cement Plaster must be clean and cured a minimum of 7 days or in accordance with Parex Armourwall Specifications.
- New concrete, and masonry must be clean and cured a minimum of 28 days.
- Check concrete surfaces for alkalinity and treat. Any form-release agents or bond breakers must be removed.
- Uneven concrete or masonry can be leveled with a MicaMax 3 or other suitable, compatible product.
- For interior drywall, prepare as for painting.
- Parex USA recommends the use of primers to enhance the appearance and uniformity of the finish, improved coverage, and decrease the chance of efflorescence. This is especially true of dark colors or finishes with a large aggregate. If specified, prime with Parex USA Primers or Variance VariPrime Sanded. Refer to Product Data Sheet.
- For additional options, contact Parex USA Technical Services Department.

MIXING:

- Use clean equipment for mixing and preparation.
- Stir to obtain a homogeneous consistency using a heavy-duty 1/2-in. (13 mm) drill with a rust free paddle at 400-500 rpm. Avoid air entrainment.
- Add the amount of water needed to achieve finish texture. To avoid color variations, add the same amount of water to each pail of finish as up to 12 oz. (0.35 L).

APPLICATION:

- Read the entire label before using this product.
- Always maintain a wet edge and work to corners or joints. For best color consistency, use finish with the same batch number within a wall section.
- Keep container closed when not in use.
- Use a clean stainless steel trowel and apply a uniform coat the thickness of the largest aggregate size of the finish.

MICAMAX 3 BASECOAT & ADHESIVE:

DESCRIPTION:

- Basecoat for Parex EIFS
- Adhesive to laminate EPS to listed substrates
- 50% Acrylic paste to 50% cement ratio
- Requires the addition of portland cement

USES:

- EPS adhesive for the following substrates:
 - Exterior grade gypsum sheathing
 - Glass mat gypsum sheathing
 - Masonry, concrete and cement board
 - Properly prepared masonry, stucco, and concrete surfaces
 - Parex USA WeatherSeal Spray & Roll-On and WeatherSeal Trowel-On Water Resistive Barrier Coatings
- Basecoat 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, MicaMax 3 can be built up to 3/8 in. (9.5 mm) thick in a single pass.

COVERAGE:

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

As an adhesive:

- 5/16 in. (8 mm) notched trowel: 220 - 250 ft² (20 - 23 m²)
- 5/8 in. (16 mm) notched trowel: 170 - 190 ft² (16 - 17 m²)
- 1/2 in. (12.7 mm) notched trowel: 215-240 ft² (20 - 22.3 m²)

As a Basecoat to embed 355 Standard Mesh:

- 160 - 210 ft² (16.7 - 19.5 m²)

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 [70°F (21°C), 50% RH]. Cold and/or humid weather may extend drying time.

SURFACE PREPARATION:

- Planar irregularities are limited to 1/4 in. (6 mm) in a 4 ft. (1,219 mm) radius. Surface irregularities are limited to 1/4 in. (6 mm) or less for masonry and concrete and 1/8 in. (3 mm) 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 % 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) MicaMax 3 pail with up to 2/3 gal. (3.25 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 Parex USA Portland Cement. Add half of the portland cement, 27.5 lb (12.5 kg) to each bucket as described below.
- While stirring the MicaMax 3, add small amounts of portland cement in increments to obtain a final ratio of 1:1 by weight, MicaMax 3 to portland cement.
- A small amount (maximum 12 oz. (0.35 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.
- MicaMax 3 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 MicaMax 3 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 EIFS WaterMaster systems 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.
- Basecoat Application: Rasp EPS board after 24 hours and when adhesive has fully cured and bonded (70°F (21°C), 50% RH). Using a stainless steel trowel, apply the MicaMax 3 mixture to the rasped surface of the insulation board to a uniform thickness of 1/16 - 3/32 in. (1.5 - 2.4 mm). Embed the Parex USA reinforcing mesh immediately in the wet MicaMax 3 mixture. Smooth the surface of the MicaMax 3 mixture with a trowel until the reinforcing mesh is fully embedded and the Basecoat thickness is approximately 1/16 in. (1.5 mm). The color of

the reinforcing mesh should not be visible at the surface of the MicaMax 3 material. A slight pattern of the mesh is acceptable, due to shrinkage of the cementitious Basecoat upon drying.

- As a leveler or filler: Apply MicaMax 3 and trowel to a smooth, uniform surface. Maximum thickness in a single application will be no more than 3/8 in. (9.5 mm).

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 MicaMax 3 to bond to the surface.
- Application in direct sunlight in hot weather may adversely affect aesthetics and 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 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.

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