PAREXUSA

Thin Veneer Adhesive

Polymer Modified Stone Veneer Mortar

DESCRIPTION:

- Polymer modified Portland cement setting adhesive for installing ceramic tile, manufactured stone masonry veneer and clay or cement thin brick over EIFS, stucco/masonry, concrete, or cement board
- One step vertical application
- For exterior application
- Bonds to most surfaces
- Freeze thaw stable

USES:

- Ideal for exterior applications over:
  - Cement Backer Board
  - Stucco Brown Coat
  - Parex SWM- TVS EIFS
  - Concrete Masonry
  - Concrete
  - Brick
- Use as either a Thin or Medium Bed Mortar

COMPOSITION:

- Binder base: Copolymer compatible with Portland cement
- Water base: VOC-Compliant
- Color: Gray

CONTAINER:

50 lbs (22.7 kg) net weight in multi-wall bags.

- Storage: Store off the ground and protect from sun and moisture.
- Shelf life: Reference Parex USA Expiration Date of Products Technical Bulletin.

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 28 days, depending on humidity and temperature.

CLEAN-UP:

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

COVERAGE:
Depending on the condition of the substrate and method of application, approximate coverage per bag is:

1/4" x 1/4" notched trowel:
65-75 ft^2 (6.0-6.9m^2)

1/4" x 3/8" notched trowel:
55-65 ft^2 (5.1-6.0m^2)

1/2" x 1/2" notched trowel:
35-45 ft^2 (3.2-4.2m^2)

SURFACE PREPARATION:
- All surfaces must be between 40°F (4°C) to 95°F (35°C) and structurally sound, dry, clean and free from oil, dust, grease, wax, paint, old adhesives, sealers, curing compounds and release agents.
- Surfaces must be structurally sound, stable & rigid enough to support tile, thin brick, and other thin veneer units. Maximum substrate deflection under all live, dead, and impact loads, including but not limited to concentrated loads (except where local building codes specify a more stringent requirement) and under positive and negative design wind loads shall not exceed (L=span length):
  - L/360, except for natural stone for which L/600 is recommended.
- Any contaminates which inhibit proper bond must be removed from substrate or veneer unit.
- All substrates should be plumb and true, surface deviation should not exceed 1/4" (6mm) in 10 ft (3m).
- Movement (expansion) joints should be provided to comply with TCA method EJ 171.
- Cementitious Substrates: All concrete substrates should be cured a minimum of 28 days. Walls should be leveled to ensure best adhesion. Dampen porous or dry concrete previous to installation of thin veneer.
- Cement Backer Board: Follow cement board manufacturer's instructions.
- For additional options, contact Parex USA Technical Services Department.

MIXING:
- In a clean container, add approximately 6.6 quarts (6.2 L) of clean potable water. Then add the contents of the 50 lb. (22.7 kg) Thin Veneer Adhesive.
- Mix thoroughly by hand or with a slow speed mixer to a smooth, thick, trowelable consistency. Allow mortar to slake for approximately 10-15 minutes, and then remix before using. Remix without adding additional water or powder.
- Mortar consistency shall be such that when applied with the recommended notched trowel to the substrate, the ridges formed in the mortar do not flow or slump.
- During use, stir mortar mix occasionally.
- Do not temper with additional water.
- Do not add liquid latex to Thin Veneer Adhesive.

APPLICATION:
- Apply mortar to the veneer unit with the flat side of the trowel, with enough pressure to firmly work into the surface.
- Using a notched trowel or a flat trowel, immediately follow with a heavier coat of material using the appropriate trowel and enough mortar to provide 100% coverage to the back of the thin veneer. Some extruded thin veneer or lug back tiles back-buttering may be required.
- Do not spread more mortar than can be covered in 20 minutes or before the mortar skins over. It is advised that during the installation, remove a thin veneer unit to insure the mortar has not skinned over and to check the thin veneer and substrate mortar has achieved 100% coverage.
- Place thin veneer in mortar, slide back and forth perpendicular to the ridges to insure proper coverage. Do not move or adjust thin veneer after they have been set for 15 minutes.

LIMITATIONS:
- Do not use Thin Veneer Adhesive below 40°F (4°C) or above 95°F (35°C). Use caution; do not allow mortar to freeze for the first 72 hours. Cool and wet weather may delay the set times of the Thin Veneer Adhesive.
- Do not soak tiles previous to installation.
- Thin Veneer Adhesive must not be used to apply over asphalt sheeting, vinyl covered wall board, Masonite®, cement asbestos board, metal, glass, plastic or other unstable substrates.
- Installations that will be continually wet like swimming pools, fountains and gang showers, the completed installation should be cured a minimum of 14 days and allowed to dry before exposure to water.
- Do not use Thin Veneer Adhesive to install dimensional stone tile like resin backed, black, green and red marbles. Some dimensional stones may warp when installed with water based setting materials.
- For use of Thin Veneer Adhesive over additional substrates or situations not mentioned in these instructions, contact Parex USA Technical Services.

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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