

El Rey[®] Stucco

Insul-Bond™ P Base Coat & Adhesive

DESCRIPTION:

Insul-Bond™ P: Polymer-modified cementitious basecoat and adhesive used with El Rey Insul-Flex® EIFS.

USES:

- A. Basecoat for El Rey® Insul-Flex® Standard, Insul-Flex® VR Drainage, Insul-Flex® with StuccoWrap™ and Insul-Flex® with House Wrap EIF systems. Insul-Bond™ P is also used as an adhesive to attach EPS insulation board to code-conforming substrates, including gypsum sheathing, glass fiber reinforced gypsum sheathing, concrete, masonry and cement board.
- B. Applied without the addition of cement
- C. Mixed on site with water
- D. Excellent workability
- E. Adhesive for the following code-conforming substrates:
 - 1. Exterior grade gypsum sheathing and glass fiberfaced gypsum sheathing
 - 2. Masonry, concrete and cement board
- F. Leveler and filler for masonry, concrete and stucco surfaces. For this application only, Insul-Bond can be built up to 1/4 inch (6mm) thick in a single pass.
- G. Compatible with El Rey Perma-Flex® finishes

COMPOSITION:

- A. Binder base: 100 percent acrylic copolymer, compatible with portland cement
- B. Water-based: VOC compliant
- C. Color: Light grey

COVERAGE:

- A. As an adhesive: 65 – 85 ft² (6 – 7.9 m²)
- B. As a basecoat: 90 – 110 ft² (8.36 – 10.21m²)

CONTAINER:

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

STORAGE:

Store off the ground and protect from sun and moisture.

SHELF LIFE:

One year, if protected from sun, freezing and moisture.

WORKING TIME:

Pot life is 1-3 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.

CLEAN-UP:

Water soluble prior to drying. Clean tools and containers with water before material sets.

JOB PROCEDURE

A. SURFACE PREPARATION:

1. Remove surface contaminants such as dust or dirt without damaging the substrate.
2. Painted substrates must have the paint removed by methods which result in no more than 10 percent of the remaining surface having paint.
3. For additional options for surface preparation, contact El Rey Technical Services Department.
4. Apply Insul-Bond P only when ambient and substrate temperatures are cool, but remain above 40°F/5°C for a minimum of 48 hours during and following application.

B. MIXING:

1. Use container free of foreign substances: 150 rpm/ min 1/2 in. (12.7mm) drill with jiffler type paddle.
2. Add 1-1/2 gallons (5.7L) of clean cool water to an empty pail. Add basecoat Insul-Bond P and mix to a uniform consistency. Allow 5 minutes set time then remix using small amounts of water to adjust the workability.
3. El Rey basecoat Insul-Bond P should be used immediately after tempering.
4. El Rey basecoat Insul-Bond P may be retempered once, up to 45 minutes after it is initially mixed.
5. Use no additives of any kind.

C. APPLICATION:

1. Adhesive Application: Apply the adhesive to the entire surface on one face of the insulation board, using a 5/8 in. (16mm) unnotched trowel for concrete and masonry or 5/16 in. (8mm) unnotched trowel for gypsum 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 wall with firm pressure to entire surface. Apply sufficient pressure to flatten adhesive ridges. Glass fiberfaced gypsum sheathing requires extra pressure. Do not adjust insulation boards after placement. Application U-Notched Trowel Flat Segment Trowel Sheathing 5/16 in. x 5/16 in. (7.9 mm x 7.9mm) 3/4 in. (19.05mm) Masonry 5/8 in. x 5/8 in. (15.88mm x 15.88mm) 1 in. (25.4 mm) VR Assembly 1/2 in. x 1/2 in. (12.7mm x 12.7mm) 2 in. (50.8mm)
2. Basecoat Application: On adhesively attached EPS, wait 24 hours or until adhesive has fully cured and bonded. Rasp EPS. Using a stainless steel trowel, apply the basecoat mixture to the rasped surface of the insulation board to a uniform thickness of 1/16 - 3/32 in. (1.5 - 2.4mm). Embed/trowel the glass fiber reinforcing mesh (KraK-Master™) immediately in the wet Insul-Bond basecoat mixture, working from the center to the edges of the mesh. The surface of the Insul-Bond basecoat mixture shall be

smoothed 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 beneath the surface of the Insul-Bond basecoat material.

3. Premium Basecoat Application: Apply initial layer of Insul-Bond basecoat, followed by a second layer of Insul-Bond basecoat when the first layer is fully dry, for a total dry thickness between 3/32 in. (2.4mm) and 1/8 in. (3mm). (Note: KraK-Master™ Mesh should be embedded in 2nd layer when using this method.)
4. As a leveler or filler: Apply El Rey Insul-Bond P and trowel to a smooth, uniform surface. Maximum thickness in a single application will be no more than 1/4 in. (6mm).

D. CAUTIONS AND LIMITATIONS:

1. Ambient and surface temperatures must be a minimum of 40° F (4° C) and rising during application and curing time. Provide supplemental heat and protection from precipitation as needed.
2. Use only on surfaces that are sound, clean, dry, unpainted and free from any residue which may affect the bond to the surface.
3. Avoid application in direct sunlight in hot weather.
4. Do not use as a leveler for EPS. Rasp EPS level.
5. Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying this product.
6. Keep this product out of the reach of children. This information is designed to guide you and has been conscientiously compiled according to the latest state of our technology. No liability can be accepted in connection with the use of the product because of the great variety of applications and working conditions.

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.

Job Name: _____

Contractor: _____

Date: _____

Submittal Approvals: _____

Stamps or Signatures: _____

El Rey[®]
Stucco
www.elrey.com

Corporate Office

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

El Rey Sales Office

3830 Singer Blvd. NE
Suite 2020
Albuquerque, NM 87109
Phone: (505) 873-1180
Fax: (505) 345-9009

Facilities

Albuquerque, NM
Colorado Springs, CO

