



Hard Guard Basecoat

DESCRIPTION:

Insul-Bond powder mixes are a combination of 100% acrylic polymer, portland cement, aggregate and additives. Insul-Bond Sanded is used as a thick base coat in the Hard Guard Insul-Flex EIFS application. Hard Guard is more resistant to abuse and damage from sharp pointed objects.

USES:

- A. Basecoat for El Rey® InsulFlex® Standard, Insul-Flex® VR Drainage, Insul-Flex® with StuccoWrap™ and Insul-Flex® with House Wrap EIF systems.
- 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 fiber-faced 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" (6mm) thick in a single pass.
- G. Compatible with El Rey Perma-Flex® Acrylic and Super-Flex Stucco. **Regular cementitious stucco is not compatible.**

COMPOSITION:

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

COVERAGE:

Insul-Bond Sanded

Adhesive Coverage: Cannot be used as an adhesive.

Base Coat Coverage: 20 - 25 square feet (1.7 - 2.3 m²) @ 1/4-inch (6mm) per 50-pound (22.7 kg) bag.

CONTAINER:

50 lb (22.7kg) net weight in multiwall 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. The wall surface must be structurally sound,
2. Remove surface contaminants such as dust or dirt without damaging the substrate.
3. Painted substrates must have the paint removed by methods that result in no more than 10% of the remaining surface having paint.
4. For additional options for surface preparation, contact EI Rey Technical Services Department.
5. Apply InsulBond P only when ambient and substrate temperatures are cool, but remain above 40°F (4°C) for a minimum of 48 hours during and following application.

B. MIXING:

1. Use container free of foreign substances: 150 rpm using a 1/2" (12.7mm) drill with jiffier-type paddle.
2. Slowly add 50-pound bag of Insul-Bond SANDED to a mixture of 1-gallon (3.8 liter) of Insul-Bond LIQUID ADMIXTURE and 1/2-gallon (1.9 liter) of potable water in a clean 5-gallon (18.9 liter) pail, while mixing with a paddle-mixer at approximately 150-rpm until lump free. For larger batches a mortar mixer is recommended. A small amount of water may be added to increase open time and improve workability. Generally this is not necessary since a thicker consistency is required for thicker applications.
3. EI Rey basecoat Insul-Bond Sanded should be used immediately after tempering.
4. EI Rey basecoat Insul-Bond Sanded may be retempered once, up to 45 minutes after it is initially mixed.
5. Use no other additives of any kind.

C. HARD GUARD (BASECOAT) APPLICATION:

1. Spread Insul-Bond Sanded basecoat onto face of insulation boards at an approximate total thickness of 1/4" (6 mm). It can be applied either at a single 1/4" (6 mm) thickness or two 1/8" (3 mm) thickness base coat. The Krak-Master Mesh (Standard Fabric) is embedded in the surface. Refer to EI Rey Stucco Insul-Flex EIFS Installation Instructions.
2. Installation must be in accordance with requirements of ICC ES Evaluation Report 3559 and applied by a listed applicator. EI Rey Stucco does not

evaluate or endorse the qualifications or work of the listed applicators. Detailed information and required conditions are in the Insul-Flex EIFS specifications and details.

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 that might 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.
7. EI Rey Insul-Flex® EIFS should only be installed by an EI Rey Listed Applicator.

Application U-Notched Trowel Flat Segment Trowel

Sheathing $5/16" \times 5/16"$ (7.9mm x 7.9mm) $3/4"$ (19.05mm)

Masonry $5/8" \times 5/8"$ (15.9mm x 15.9mm) 1" (25.4 mm)

VR Assembly $1/2" \times 1/2"$ (12.7mm x 12.7mm) 2" (50.8mm)

Job Name: _____

Contractor : _____

Submittal Approvals : _____

Stamps or Signatures : _____



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