



Insul-Bond Hard Guard Base Coat

DESCRIPTION:

Insul-Bond powder mixes are a combination of 100% acrylic polymer, portland cement, aggregate and additives.
Hard Guard is more resistant to abuse and damage from sharp pointed objects.

USES:

- A. Basecoat for El Rey® InsulFlex® Standard Insul-Flex® WaterMaster, Insul-Flex WaterMaster LCR
- B. Applied without the addition of cement.
- C. Mixed on site with water.
- D. Excellent workability.
- E. Leveler and filler for masonry, concrete and stucco surfaces. For this application only, Insul-Bond Hard Guard can be built up to "14" (6mm) thick in a single pass.

Regular cementitious stucco finish cannot go over Insul-Bond Hard Guard.

COMPOSITION:

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

COVERAGE:

INSUL-BOND HARD GUARD
Base Coat Coverage: 20 - 25 f² (1.7 - 2.3 m²) at 1/4-inch (6mm) per 50-pound (22.7 kg) bag.

CONTAINER:

50 lbs. (22.7 kgs.) net weight in multiwall moisture-resistant bags. Also comes with a 1 gallon bottle of Insul-Bond liquid admixture.

STORAGE:

Store off the ground and protect from sun and moisture.

SHELF LIFE:

12 months if properly stored in the original unopened container.

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 1–4 days, depending on humidity and temperature.

CLEAN-UP:

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

JOB PROCEDURE:

A. SURFACE PREPARATION:

1. Planar irregularities are limited to 1/4 in. (6 mm) or less in a 4 ft. (1.22 m) 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.
2. Irregular and uneven surface should be filled with Level Coat or Insul-Bond Base Coat & Adhesive.
3. Remove surface contaminants such as dust or dirt without damaging the substrate.
4. Painted substrates must have the paint removed with methods that result in no more than 10% of the remaining surface having paint.
5. For additional options for surface preparation, contact Parex USA Technical Support.

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 Hard Guard 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. El Rey basecoat Insul-Bond Hard Guard should be used immediately after tempering.
4. El Rey basecoat Insul-Bond Hard Guard may be retempered once, up to 45 minutes after it is initially mixed.
5. Use no other additives of any kind.

C. APPLICATION:

1. Spread Insul-Bond Hard Guard 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 Parex USA Standard Reinforcing Mesh is embedded in the surface. Refer to El Rey Stucco Insul-Flex EIFS Installation Instructions.

LIMITATIONS:

1. Ambient and surface temperature must be 40°F (4.4°C) or higher 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 (10% or less) and free from any residue which may affect the ability of the Insul-Bond Base Coat & Adhesive to bond to the surface.
3. Application in direct sunlight in hot weather will significantly reduce open time for embedding Parex USA reinforcing mesh and smoothing the surface.
4. Do not use as a leveler for EPS. Rasp EPS level.
5. Dries within 24 hours under normal drying conditions [70°F (21°C), 50% RH]. Cold and/or humid weather may extend drying time.

WARNING:

1. Read complete Warning information printed on product container prior to use. For medical emergency information, call 1-800-424-9300.
2. 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.
3. 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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