



## Poly-Bond



### DESCRIPTION:

- LaHabra® Poly-Bond is for use as a base coat and adhesive for expanded polystyrene foam shapes. These shapes are typically used as exterior decorative trim such as pop-outs, plant-ons, cornices and quoins
- LaHabra® Poly-Bond is available in coarse sand aggregate for maximum keying strength and fine sand aggregate for smooth textures. LaHabra Poly-Bond is also available in machine finish
- Color is Grey

### ADVANTAGES:

- Costs less than wet mixes
- Save more by mixing only what you need
- Excellent adhesion to polystyrene foam
- Adhesive and base coat for foam shapes in a single product

### COMPOSITION:

LaHabra® Poly-Bond is a polymer-modified portland cement-based product. Available in Fine (30 mesh), Coarse (20 Mesh), and Machine Grade

### COVERAGE:

Approximate coverage as a base coat, when applied according to manufacturer's recommendations, is 50 to 70 sq. ft. per 50 lb. bag

### PACKAGING:

- 50 lb (22.7 kg) net weight in a multi walled bag
- Storage: Store off the ground and protect from rain and moisture
  - Shelf Life: 12 months if properly stored in original unopened container

### WORKING TIME:

Pot life is 1–2 hours after water has been added. Open time is affected by humidity and temperature

### SURFACE PREPARATION:

- On stucco, masonry and concrete, apply only to surfaces that are sound, clean, dry, unpainted, and free of any residue which may affect the ability of Poly-Bond to bond to the surface
- Do NOT apply LaHabra® Poly-Bond in freezing weather or to frozen substrates.
- For additional options for surface preparation, contact Parex USA Technical Support

### MIXING:

- Use clean equipment for mixing and preparation
- LaHabra® Poly-Bond requires approximately 1 to 1.5 gallons of cool, clean, potable water for each 50 lb. bag.
- Add approximately 3/4 of the required water and mix using a mechanical device such as an electric drill until the powder is thoroughly wet
- Add the remaining water needed (see "Applying LaHabra® Poly-Bond" below) and blend for a total mixing time of 5 minutes
- Allow material to stand for five minutes, then remix to break the initial set
- Use Poly-Bond immediately after mixing.
- No other additives of any kind, such as portland cement, lime, rapid binders, antifreeze, accelerators, pigments, etc., should be added under any circumstance

### APPLICATION:

- Read the entire label before using this product
- For Use as an Adhesive: In Step 3 above, after initial mixing add sufficient water and mix to a heavy, paste-like consistency. Apply approximately 1/4" of LaHabra® Poly-Bond to the back of the foam shape and press into place on the pre-moistened portland cement substrate. (Poly-Bond has sufficient adhesion to hold most shapes in place. Larger shapes might require additional support.) Allow a minimum cure period of 24 hours BEFORE performing any additional work on the adhered shape
- For Use as a Base Coat: Machine- or hand apply a coating of approximately 3/16" to 1/4" to the foam shape. Embed fiberglass mesh in the base coat to increase impact resistance. Allow a minimum cure period of 24 hours before applying a LaHabra exterior

finish over the Poly-Bond coated EPS shape. For best results apply a coat of LaHabra® Acrylic Bonder to the cured Poly-Bond surface before applying the LaHabra exterior finish

- LaHabra® recommends the use of fiberglass mesh over entire surfaces of foam shapes to increase impact resistance

### LIMITATIONS:

- In hot/dry weather LaHabra® Poly-Bond should be moist cured after 24 hours
- Ambient and surface temperature must be 40°F (4.4°C) or higher during application and drying time. Protect from freezing for a period of not less than 24 hours after set has occurred. Provide supplemental heat and protection from precipitation as needed.
- Ambient and surface temperatures must not exceed 120°F (49°C) during and 24 hours after application
- Do not apply Poly-Bond coated foam shapes to EIFS (Exterior Insulation and Finishing Systems). Do not incorporate Poly-Bond coated foam shapes within an EIF System
- Poly-Bond is not an EIFS base coat or adhesive
- Avoid application in direct sunlight in hot weather
- Always wear proper safety equipment, including particle mask, when mixing and/or applying this product

### 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.



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