

PRODUCT DATA SHEET

SikaWall® Poly-Bond

Formerly LaHabra® Poly-bond.

PRODUCT DESCRIPTION

SikaWall® Poly-Bond is a basecoat and adhesive specifically designed for adhering polystyrene foam shapes over Portland Cement Stucco Systems.

USES

- SikaWall® Poly-Bond is for use as a basecoat 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.
- SikaWall® Poly-Bond is available in both a Coarse sand aggregate for maximum keying strength and Fine sand aggregate for smooth textures.

CHARACTERISTICS / ADVANTAGES

- Strong adhesion to polystyrene foam shapes applied over portland cement stucco systems.
- Works Adhesive and basecoat for foam shapes in a single product.

PRODUCT INFORMATION

Chemical Base	A polymer modified portland cement-based product. Available in Fine (30 mesh) and Coarse (20 Mesh).
Packaging	50 lb (22.7 kg) net weight in a multi walled bag.
Color	Gray
Shelf Life	12 months from date of production if stored properly in original, unopened and undamaged sealed packaging.
Storage Conditions	Store dry, off ground and protect from rain and moisture.

APPLICATION INFORMATION

Mixing Ratio	Approximately 1 to 1.5 gallons of cool, clean, potable water for each 50 lb. bag.
Coverage	Approximate coverage as a basecoat is 50 to 70 sq. ft./50 lb. bag when applied per application instructions.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

USES

- In hot/dry weather SikaWall® Poly-Bond should be moist cured after 24 hours.
- Ambient and surface temperature must be 40°F (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.
- Both ambient and surface temperatures must not exceed 110°F (49°C) during and 24 hours after application.
- **Do not apply SikaWall® Poly-Bond coated foam shapes to EIFS (Exterior Insulation and Finishing Systems). SikaWall Polybond is not designed for any use within any SikaWall EIFS Assembly.**

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

- 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 SikaWall® Poly-Bond to bond to the surface.
- Do NOT apply SikaWall® Poly-Bond in freezing weather or to frozen substrates.
- For additional options for surface preparation, contact Sika Facades Technical Support.

MIXING

- Use clean equipment for mixing and preparation. SikaWall® Poly-Bond requires approximately 1 to 1.5 gal 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, per Application Instructions, 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 SikaWall® 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 a foam shape adhesive over portland cement base substrates: After initial mixing

add sufficient water and mix to a heavy, paste-like consistency. Apply approximately 1/4" of SikaWall® Poly-Bond to the back of the foam shape and press into place on the pre-moistened portland cement substrate. Please note: SikaWall® 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 basecoat for EPS foam shapes over portland cement plaster:** Machine or hand apply a coating of approximately 3/16" to 1/4" to the EPS foam shape. Embed fiberglass mesh in the wet polybond basecoat to increase impact resistance. Allow a minimum cure period of 24 hours before applying a Sika® exterior finish over the SikaWall® Poly-Bond coated EPS shape. For best results apply a coat of SikaWall®-73 Adacryl Admix & Bonding Agent to the cured SikaWall® Poly-Bond surface before applying the exterior finish.
- It is recommended to use fiberglass mesh over entire surfaces of foam shapes to increase impact resistance.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS**

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