



## TeifsBase DB

Basecoat & Adhesive



### DESCRIPTION:

- Basecoat for Teifs EIFS
- Adhesive to laminate EPS to listed substrates
- Applied without the addition of cement
- Mixed on site with water
- Excellent workability

### USES:

- EPS adhesive for the following substrates:
  - Exterior grade gypsum sheathing
  - Glass mat gypsum sheathing
  - Masonry, concrete and cement board
  - EPS
  - Parex USA WeatherSeal Spray & Roll-On and WeatherSeal Trowel-On Water Resistant Barrier Coatings
- Basecoat for Teifs Nu-Tech Stucco and other architectural coatings and finishes (ACF).
- Leveler and filler for masonry, concrete, stucco surfaces. For this application only, TeifsBase DB can be built up to 1/4 in. (6 mm) thick in a single pass.

### COMPOSITION:

- Binder base: Copolymer compatible with portland cement
- Water base: VOC-Compliant.
- Color: Light gray

### 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. Dries within 24 hours under normal drying conditions [70°F (21°C), 50% RH]. Cold and/or humid weather may extend drying time. Parex USA Accel-Pak may be added to decrease drying time. See Data sheet for more information.

### CLEAN-UP:

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

## COVERAGE:

Depending on the condition of the substrate and method of application, approximate coverages per bag are:

- As an adhesive:
  - 5/16 in. (8mm) notched trowel: 130-140 ft<sup>2</sup> (12.1-13.0 m<sup>2</sup>)
  - 5/8 in. (16mm) notched trowel: 90-100 ft<sup>2</sup> (8.4-9.3 m<sup>2</sup>)
  - 1/2 in. (12.7mm) notched trowel: 110-120 ft<sup>2</sup> (10.2-11.2 m<sup>2</sup>)
- As a basecoat to embed 355 Parex USA Standard Mesh or Teifs Mesh: 75-95 ft<sup>2</sup> (7.0-8.8 m<sup>2</sup>)
- As a double-layer basecoat to embed 355 Parex USA Standard Mesh and 358.20 Ultra High Impact Mesh: 35-55 ft<sup>2</sup> (3.3-5.1m<sup>2</sup>)
- As a leveler, coverage depends upon the thickness applied.

## CONTAINER:

50 lb (22.6kg) net weight in multiwall moisture-resistant bags.

- Storage: Store off the ground and protect from sun and moisture
- Shelf life: Reference Parex USA Expiration Date of Products Technical Bulletin.

## SURFACE PREPARATION:

- 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.
- Irregular and uneven surface should be filled with Teifs Base DB.
- Remove surface contaminants such as dust or dirt without damaging the substrate.
- Painted substrates must have the paint removed with methods that result in no more than 10% of the remaining surface having paint.
- For additional options for surface preparation, contact Parex USA Technical Services Department.

## MIXING:

- Use clean equipment for mixing and preparation.
- Add 5 quarts (4.7 L) of cool clean potable water to a 5 gal pail. Add half of the amount of TeifsBase

DB and mix to a homogenous consistency using a heavy-duty 1/2 in. (13 mm) drill with a rust-free paddle at 400-500 rpm. Then add the remaining half and mix until consistent.

- Small amounts of cool clean potable water may be added to adjust workability.
- Let the mixture stand for five minutes after initial mixing, then stir again, adding small amounts of water for workability once only.
- TeifsBase DB should be used immediately after mixing.
- Half batches may be mixed for convenience.
- Only Parex USA approved additives can be added to this product.

## APPLICATION:

- Read the entire label before using this product.
- Adhesive Application: Apply the TeifsBase DB to the entire surface on one face of the insulation board, using a 5/8 in. (16mm) notched trowel for masonry and concrete, or a 1/2 in. notched trowel or a 5/16 in. (8mm) notched trowel for sheathing. The adhesive ribbons should be of uniform thickness, run vertically when positioned on the wall (parallel to the 2 ft. [61 cm] board dimension), and reach the perimeter of the insulation board. To ensure high initial grab and uniform adhesive contact, apply insulation board to the wall with firm pressure to the entire surface. Apply sufficient pressure to flatten adhesive ridges. Glass mat sheathing requires extra pressure.
- Basecoat Application: Rasp EPS board after 24 hours and when adhesive has fully cured and bonded. Using a stainless steel trowel, apply the TeifsBase DB mixture to the rasped surface of the insulation board to a uniform thickness of 1/16-3/32 in. (1.5-2.4 mm). Embed the reinforcing mesh immediately in the wet TeifsBase DB mixture. Smooth the surface of the TeifsBase DB mixture with a trowel until the reinforcing mesh

is fully embedded and the basecoat thickness is approximately 1/16 in. (1.5 mm). The color of the reinforcing mesh should not be visible at the surface of the TeifsBase DB material. A slight pattern of the mesh is acceptable, due to shrinkage of the cementitious Basecoat upon drying.

- As a leveler or filler: Apply TeifsBase DB and trowel to a smooth, uniform surface. Maximum thickness in a single application should be no more than 1/4 in. (6 mm).

## LIMITATIONS:

- 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.
- 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 TeifsBase DB to bond to the surface.
- Application in direct sunlight in hot weather will significantly reduce open time for embedding Parex reinforcing mesh and smoothing the surface.
- Do not use as a leveler for EPS. Rasp EPS level.

## 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 Safety Data Sheet (SDS). The most current SDS 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.

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

**Facilities**  
French Camp, CA  
North Hollywood, CA  
Riverside, CA  
San Diego, CA

Colorado Springs, CO  
Haines City, FL  
Duluth, GA  
Redan, GA

Albuquerque, NM  
Allentown, PA  
San Antonio, TX

