



TeifsBase DB

Base Coat & Adhesive



DESCRIPTION:

- Base Coat for 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 board
- Masonry, concrete and/or cement board
- EPS

Base coat for the following Teifs systems.

- Teifs Flex
- Teifs Airtight
- Teifs Weathertight
- Teifs Weathertight VNT
- Teifs Permadrain

Leveler and filler for masonry, concrete, stucco surfaces. For this application only, TeifsBase DB can be built up to 1/4 in.

(6mm) thick in a single pass.

COMPOSITION:

- Binder Base: Copolymer compatible with portland cement
- Water Based: VOC compliant
- Color: Light Gray



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COVERAGE:

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

- As a base coat and adhesive:
3/8 in. (9.53mm) notched trowel:
75-80 sq. ft. (6.97-7.43m²) per bag
- As a base coat to embed Teifs Mesh:
90-115 sq. ft. (8-10.5m²) per bag
- As a double-layer base coat to embed Teifs Mesh and Teifs Mat 20:
45-65 sq. ft. (4.2-6m²) per bag
- As a leveler, coverage depends upon the thickness applied.

CONTAINER:

50 lb. (22.68 kg) net weight in multiwall moisture-resistant bags.

- Storage: Store off the ground and protect from sun and moisture
- Shelf Life: 6 months if protected from sun, freezing, and moisture

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.

CLEANUP:

Water soluble prior to drying. Clean tools and containers with water before polymer/ cement mixture sets.

SURFACE PREPARATION:

- Planar irregularities are limited to 1/4 in. (6mm) or less in a 4 ft. (1,219mm) radius. Surface irregularities are limited to 1/4 in. (6mm) or less for masonry and concrete and 1/8 in. (3mm) 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 Teifs Technical Services Department.

MIXING:

- Use clean equipment for mixing and preparation.
- Add 5 quarts (5.7-6.7 L) of cool clean potable water. Add Teifs Base DB and mix to a homogenous consistency using a heavy-duty 1/2 in. (13mm) drill with a rust-free paddle at 400-500 rpm.

- Small amounts of clean potable water may be added to adjust workability.

- Let the mixture stand for five minutes after initial mixing, then stir again, re-tempering once only as needed for workability.

- Teifs Base DB should be used immediately after tempering.
- Half batches may be mixed for convenience.

- No additives of any kind, such as rapid binders, anti-freeze, accelerators, fillers, pigments, etc., should be added under any circumstance.

APPLICATION:

- Read the entire label before using this product.
- Adhesive Application: Apply the Teifs Base DB to the entire surface on one face of the insulation board, using 3/8 in. (9.53mm) notched trowel. The ribbons should be of uniform thickness 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 gypsum sheathing requires extra pressure.

- Base Coat Application: Rasp EPS board after 24 hours and when adhesive has fully cured and bonded. Using a stainless steel trowel, apply the Teifs Base DB mixture to the rasped surface of the insulation board to a uniform thickness of 1/16 - 3/32 in. (1.5-2.4mm). Bed the Teifs reinforcing mesh immediately into the Base DB mixture. Smooth the surface of the Base DB mixture with a trowel until the reinforcing mesh is fully embedded and the base coat thickness is approximately 1/16 in. (1.5mm). The pattern of the reinforcing mesh should not be visible at the surface of the Base DB material.

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

LIMITATIONS:

- Ambient and surface temperature must be 40°F (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 and free from any residue which may affect the ability of the Teifs Base DB to bond to the surface.
- Avoid application in direct sunlight in hot weather.
- Do not use as a leveler for EPS. Rasp EPS level.



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