



DESCRIPTION:

- Base Coat for Surewall EIFS
- Adhesive to laminate Expanded Polystyrene (EPS) to listed substrate
- 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 fiber-faced gypsum sheathing
 - ◆ Masonry, concrete and/or cement board
 - ◆ EPS
- Base coat for the following Surewall systems:
 - ◆ Standard
 - ◆ Drainage EIFS—Vertical Ribbon
 - ◆ Drainage EIFS—Stucco Wrap™
- Leveler and filler for masonry, concrete, and stucco surfaces. For this application only, Flex Base can be built up to 1/4" (6mm) thick in a single pass.

COMPOSITION

- Binder base: Copolymer compatible with portland cement
- Water-based: VOC-compliant
- Color: Light grey

Flex Base

COVERAGE:

- As an adhesive: 5/16" (8mm) notched trowel: 155–170 ft² (14.4–15.8m²) per bag. 5/8" (16mm) notched trowel: 110–120 ft² (9–11m²) per bag.
- As a base coat to embed Standard Mesh: 90–115 ft² (8–10.5m²) per bag.
- As a double-layer base coat to embed Standard Mesh and Heavy Mesh: 45–65 ft² (4.2–6m²) per bag.
- As a leveler: Coverage depends on the thickness applied.

CONTAINER:

60 lb (27.7 kg) net weight in multiwall, moisture-resistant bags.

- Storage: Store off the ground and protect from sun and moisture.
- Shelf life: Six 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" (6mm) or less in a 4' (1,219mm) radius. Surface irregularities are limited to 1/4" (6mm) or less for masonry and concrete and 1/8" (3mm) or less for sheathing.
- Painted substrates must have the paint removed with methods which result in no more than 10% of the remaining surface having paint.
- For additional options for surface preparation, contact Technical Services.

MIXING:

- Equipment: Use clean container free of foreign substances: 400–500 r/min 1/2" (13mm) drill with Jiffiler-type paddle.
- Add 6–7 quarts (5.7–6.7L) of clean, cool water to an empty pail. Add Flex Base and mix to a homogenous consistency. Allow five minutes set time, then remix using small amounts of water to adjust the workability.
- Surewall Flex Base should be used immediately after tempering.
- No additives of any kind, such as portland cement, rapid binders, anti-freeze, accelerators, fillers, pigments, etc.. shall be added under any circumstances.
- Surewall Flex Base may be retempered once, up to 45 minutes after it is initially mixed.

APPLICATION:

- Adhesive application: Apply the adhesive to the entire surface on one face of the insulation board using a 5/8" (16mm) notched trowel for masonry and concrete or a 5/16" (8mm) notched trowel for gypsum sheathing.
- 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 wall with firm pressure to entire surface. Sufficient pressure must be applied to flatten adhesive ridges.
- Base coat application: On adhesively

attached EPS, wait 24 hours and until adhesive has fully cured and bonded. Rasp EPS. Using a stainless steel trowel, apply the Flex Base mixture to the rasped surface of the insulation board to a uniform thickness of 1/16–3/32" (1.5–2.4mm). Bed the reinforcing mesh immediately in the wet Flex Base mixture. The surface of the Flex Base mixture shall be smoothed with a trowel until the reinforcing mesh is fully embedded. The pattern of the reinforcing mesh should not be visible beneath the surface of the base coat material.

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

LIMITATIONS:

- Ambient and surface temperature must be 40°F (4° C) or higher during application and curing times. Provide supplemental heat and protection from precipitation as needed.
- Use only on surfaces that are sound, clean, dry, unpainted, and free from any residue that might affect the bond to the surface.
- Avoid application in direct sunlight in hot weather.
- Do not use as a leveler for EPS. Rasp EPS level.

Job name _____

Contractor _____

Date _____

Submittal Approvals:
(Stamps or Signatures)

RES Architectural Sales, Inc.