

SUREWALL®

Prime-A-Flex

Base Coat



DESCRIPTION:

- Base coat for Surewall EIFS.
- Adhesive to laminate EPS to listed substrates.
- 50% acrylic paste to 50% cement.
- Requires the addition of portland cement.

USES:

- EPS adhesive for the following substrates:
 - ◆ Exterior grade gypsum sheathing and glass fiber-faced gypsum sheathing.
 - ◆ Masonry, concrete and cement board.
- 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, Prime-A-Flex can be built up to 3/8" (9.5mm) thick in a single pass.

COMPOSITION

- Binder base: 100% acrylic polymers, compatible with portland cement.
- Water-based: VOC-compliant
- Color: Light grey

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COVERAGE:

- As an adhesive:
Using 5/16" (8mm) notched trowel: 220–250 ft² (20–23m²) per pail.
Using 5/8" (16mm) notched trowel: 170–190 ft² (16–17m²) per pail.
- As a base coat to embed Surewall Standard Mesh: 180–210 ft² (16.7–19.5m²) per pail.
- As a double-layer base coat to embed Surewall Standard Mesh and Heavy Mesh: 150–190 ft² (14–17m²) per pail.
- As a double-layer base coat for Premium System: 75–150 ft² (7–14m²) per pail.
- As a leveler, coverage depends upon the thickness applied.

CONTAINER:

55 lb (25 kg) net weight in plastic pails.

- Storage: Protect from sun and freezing at all times.
- Shelf Life: One year if protected from sun and freezing.

WORKING TIME:

Sets up in 1–3 hours after cement has been added. Pot lifetime 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.

Job name _____

Contractor _____

Date _____

Submittal Approvals:
(Stamps or Signatures)

SURFACE PREPARATION:

- Planar irregularities are limited to 1/4" (6mm) 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.
- Remove surface contaminants such as dust or dirt without damaging the substrate.
- Painted substrates must have the paint removed by methods which result in no more than 10% of the remaining surface having paint.
- For additional options for surface preparation, contact Technical Services.

MIXING:

- Use clean container free of foreign substances for mixing and preparation.
- Thoroughly mix one 55 lb. (25 kg) Surewall Prime-A-Flex with up to 1 gal. (3.75L) of clean potable water, using a heavy-duty 1/2" (13mm) drill with a rust-free paddle at 400–500 r/min.
- Pre-measure 55 lb (25 kg) of portland cement.
- While stirring the Prime-A-Flex, add small amounts of portland cement in increments to obtain a final 1:1 ratio of Prime-A-Flex to portland cement.
- 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, retempering once only as needed for workability.
- Half batches may be mixed for convenience.
- Use Surewall Prime-A-Flex immediately after tempering. Keep container closed when not in use.
- No additives of any kind, such as rapid binders, anti-freeze, accelerators, fillers, pigments, etc., should be added under any circumstances.

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 5/16" (8mm) notched trowel for 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. Apply sufficient pressure to flatten adhesive ridges. Glass fiber-faced 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 Prime-A-Flex mixture to the rasped surface of the insulation board to a uniform thickness of 1/16–3/32" (1.5–2.4mm). Bed the Surewall reinforcing mesh immediately in the wet Prime-A-Flex mixture. Smooth the surface of the Prime-A-Flex mixture with a trowel until the reinforcing mesh is fully embedded and the base coat thickness is approximately 1/16" (1.5mm). The pattern of the reinforcing mesh should not be visible at the surface of the Prime-A-Flex material.
- As a leveler or filler: Apply Surewall Prime-A-Flex and trowel to a smooth, uniform surface. Maximum thickness in a single application will be no more than 3/8" (9.5mm).

LIMITATIONS:

- Ambient and surface temperature must be 40° F (4° C) or above 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 that might affect the ability of the Prime-A-Flex to bond to the surface.
- Avoid application in direct sunlight in hot weather.
- Do not use as a leveler for EPS. Rasp EPS level.

RES Architectural Sales, Inc.

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