

Flexobase

Flexible Mortar



Commercial Product Data Sheet

Description

Flexobase is a flexible polymer modified, fiber reinforced mortar when mixed with water, produces a trowellable mixture with excellent adhesive qualities. The mixture sets up to form a thin, flexible layer of impact resistant mortar with excellent adhesion to many substrates.

Uses

- Very effective in smoothing imperfections on masonry surfaces prior to over coating with various Sealoflex Finishing Products. For example: Flexobase, skimmed over a concrete block or brick surface will hide joint lines in the surface.
- Used as the base layer for the Coraflex EIFS system over substrates such as expanded polystyrene, to form a hard, flexible, impact resistant shell to the substrate.

Advantages

- Flexobase is a single component product which only requires the addition of water.
- Once cured, Flexobase forms a flexible, impact resistant layer.
- Flexobase provides excellent adhesion to a wide variety of building substrates (e.g. wood, EPS, masonry, brick, block, concrete).
- Crack resistant

Mixing

Pour 3 quarts of clean water into a clean 5 gal. or larger container. Slowly add the Flexobase into the container, mixing continuously using a 1/2" power drill or paddle. Adjust consistency with clean water. The product should be a trowellable consistency.

Surface Preparation

Surfaces (substrate) should be sound, clean and free of oil, grease, dirt and loosely adhering particles. Apply over approved surfaces only. For optimum adhesion to masonry surfaces, saturate the area with clean water immediately prior to application to prevent premature drying.

Application

Base Coat Over EPS and Wood

Using a stainless steel trowel, apply Flexobase to the prepared EPS surface at thickness of 3/16". If EPS surface has been

exposed to significant sunlight, it is advised to abrade away any deteriorated EPS prior to application. All exposed edges of EPS board must be fully coated with Flexobase. Allow to cure at least 24 hours, before applying Coraflex or Sealcoat Elastic.

Base Coat Over Masonry

Using a stainless steel trowel, apply Flexobase to the dampened surface. Apply a thickness sufficient to hide the imperfections of the masonry surface.

Curing

In dry or hot conditions, mist with clean water after initial set for the first 24 hours.

Cleaning

Tools and equipment may be cleaned with water immediately after use. Cured Flexobase can only be removed mechanically.

Precautions

CAUTION!

Prolonged skin contact with Flexobase may cause irritation. Avoid contact with eyes. Store product in cool, shaded, dry area prior to use.

Use NIOSH approved vapor respirator, and safety glasses.

Do not inhale powder.

Color

Concrete Gray

Coverage

| Approximate Sq. Ft. Coverage per 50 lb. bag | |
|---|---------------|
| Depth | Smooth Trowel |
| 1/16" | 80 |
| 1/8" | 40 |
| 3/16" | 30 |
| 1/4" | 20 |
| 1/2" | 10 |

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Physical and Mechanical Properties

| Property (as Manufactured) | Value |
|-------------------------------------|--|
| Form | Powder |
| Color | Concrete Gray |
| Shelf Life and Storage Conditions | 6 months unopened. Store in cool, dry conditions. |
| Application Temperature | +45°F to 90°F 60% relative humidity |
| Full Cure | 28 days |
| Pot Life | Approximately 60 minutes (depending on temperature) |
| Bond Strength | 200 psi |
| Water Vapor Transmission (ASTM E96) | 1/8" = 7.11 perms |
| Packaging | 50 lb. bag |



Note amount of slope on deck



Flexobase being troweled onto deck



Note revised downward slope to allow proper water drainage

Ed. May 2015