

Corabase

Ceramic Tile Adhesive and Repair Mortar



Commercial Product Data Sheet

Description

Corabase is a polymer modified Portland cement powder when mixed with water produces a creamy, trowellable mixture with excellent adhesive qualities. The material sets up to form a thin layer of waterproof mortar with excellent adhesion to many substrates.

Uses

- Corabase is used as a ceramic tile adhesive for bonding tile to Sealoflex CT Waterproofing System or other conventional ceramic tile substrates.
- It is used very effectively to smooth imperfections on masonry surfaces prior to coating over with various finishing systems. For example: Corabase skimmed over a concrete block or brick surface will hide joint lines in the surface.
- When such a surface is then treated with an application of Coraflex it will create a finish of a colored stucco wall.
- Corabase can be used as the base layer for the Coraflex EIFS system in conjunction with Coraflex Fabric over substrates such as expanded polystyrene to form a hard waterproof shell to the substrate.

Advantages

- Corabase is a single component product which only requires the addition of water.
- Once it has cured it forms a waterproof layer.
- It provides excellent adhesion to a wide variety of building substrates (e.g. wood, EPS, masonry, brick, block, concrete).

Directions for Use

Preparation

Substrate to be prepared to produce sound, clean and oil free surface. Apply over approved surface only. For optimum adhesion to masonry surfaces saturate the area with clean water immediately prior to application to prevent premature drying of the mixture.

Mixing

Pour 3 quarts of clean water into a clean 5 gal. or larger container. Slowly add the Corabase into the container, mixing continuously using a 1/2" power drill or paddle. Adjust con-

sistency with clean water. The product should be a creamy trowellable consistency.

Tile Adhesive Application

Apply using a 1/4" square notch trowel to surface of Sealoflex CT System or masonry substrate leaving a distinct comb pattern. Immediately apply ceramic tile to the wet Corabase and allow to cure.

Do not create a continuous tile panel greater than 10 feet in any direction without allowing for a flexible grout joint filled with a flexible single part polyurethane sealant.

Lifts greater than 1/4" must be applied in successive applications.

EPS Attachment Application

Using a 1/4" square notch trowel apply Corabase mixture to entire surface of the EPS to be adhered to the substrate. Immediately adhere the board to the prepared surface. It is advisable to use the straight edge to apply pressure across joints of adjacent panels to achieve continuous plane surface. Ensure that all joints are tightly butted together. Allow 24 hours to cure before commencing with application of Corabase with Sealoflex Jointing Fabric.

Base Coat Application EPS

Using a stainless steel trowel, apply the Corabase to the prepared EPS surface at thickness of 1/16". Immediately fully imbed the fabric mesh into the wet Corabase pressing into the surface with the trowel until the surface of the fabric is not visible. Adjacent runs of fabric must be lapped by a minimum of 2 inches. All exposed edges of EPS board must be fully wrapped with system mesh. Allow to cure for at least 24 hours before commencing with Coraflex.

Base Coat Application Over Masonry

Using a stainless steel trowel, apply the Corabase to the dampened surface. Apply a thickness sufficient to hide the imperfections of the masonry surface. Allow to cure for at least 24 hours before commencing with the application of the Coraflex or Sealcoat Elastic.

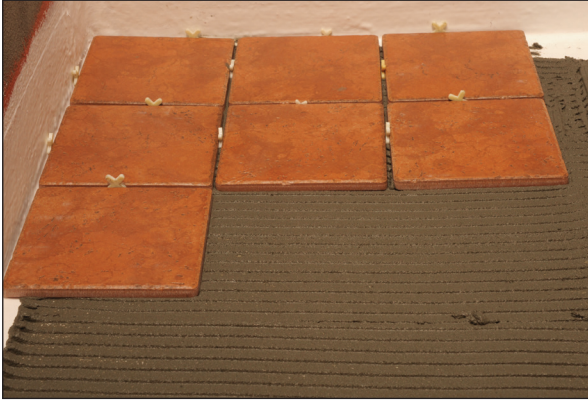
Cleaning

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

CAUTION!

Prolonged skin contact with Corabase may cause irritation. Avoid contact with eyes.

Corabase



Corabase being used as adhesive for Ceramic Tile

Approximate Sq. Ft. Coverage per 50 lb. bag		
<i>Depth</i>	<i>Notched Trowel</i>	<i>Smooth Trowel</i>
1/16"	160	80
1/8"	80	40
3/16"	60	30
1/4"	40	20
1/2"	20	10

Physical and Mechanical Properties

Property (as Manufactured)	Values
Form	Powder
Color	Concrete Gray
Shelf Life and Storage Conditions	6 months unopened. Store in cool, dry conditions.
Application Temperature	45°F & 90°F 60% relative humidity
Packaging	50 lb. bag

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