

Corabase™

Base Coat for Coraflex System and Ceramic Tile Adhesive

Description

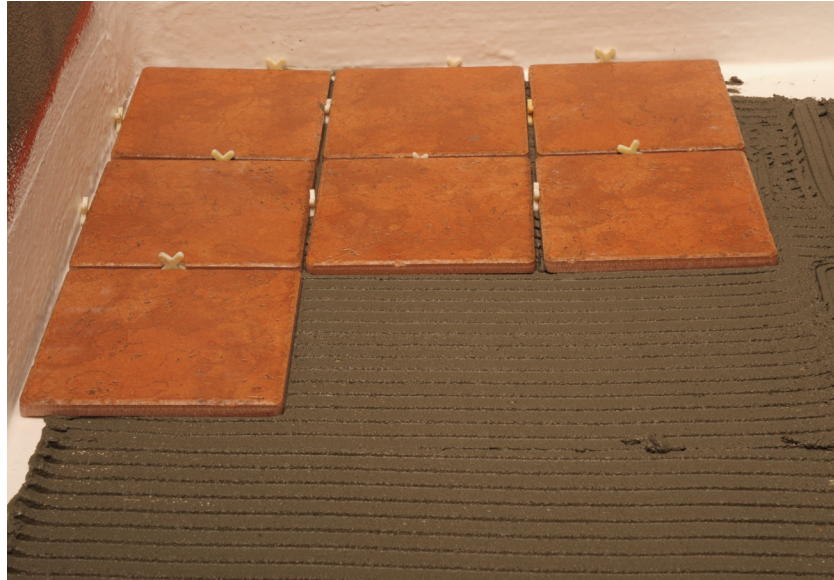
Corabase™ is a polymer modified portland cement powder which when mixed with water produces a creamy trowellable mixture with excellent adhesive qualities. The material sets up to form a thin layer of waterproof mortar with excellent adhesion to many substrates.

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™ is 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).



Corabase being used as adhesive for Ceramic Tile

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 immediately prior to application with water to prevent premature drying of the mixture.

Mixing

Pour 3 litres of clean water into a clean 20 litre or larger container. Slowly add the Corabase™ into the container, mixing continuously using a power drill or paddle. Adjust consistency with clean water. The product should be a creamy trowellable consistency.

Tile Adhesive Application

Apply using a 5mm 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 3m in any direction without allowing for a flexible grout joint filled with a flexible single part polyurethane sealant.

Lifts greater than 5mm must be applied in successive applications.

EPS Application

Using a 5mm 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 fabric mesh.

SEALOFLEX UK LTD.

2 Simmonds Road
Wincheap Industrial Estate
Canterbury Kent - England
CT1 3RA

Tel: +44 1227 767 577

Fax: +44 8707 062 947

Website: www.sealoflex.co.uk

E-mail: info@sealoflex.co.uk

SALES OFFICES

CANTERBURY, KENT, U.K.
CHARLESTON, SC U.S.A.
HAMBURG, GERMANY

Sealoflex®

Waterproofing Systems**LIMITED WARRANTY**

Sealoflex warrants its products to be free of manufacturing defects and that they will meet Sealoflex's current published physical properties when applied in accordance with Sealoflex's directions. There are no other warranties by Sealoflex of any nature whatsoever, expressed or implied, including any warranty of merchantability of fitness for a particular purpose in connection with this product. Sealoflex Inc. shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty whether expressed or implied, including any warranty of merchantability of fitness for a particular purpose or from any other cause whatsoever.

FEBRUARY 2010

Base Coat Application EPS

Using a stainless steel trowel, apply the Corabase™ to the prepared EPS surface at thickness of 2mm. 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 50mm. 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™.

Approximate m² Coverage per 23kg bag		
Depth	Notched Trowel	Smooth Trowel
6mm	4	2
12mm	2	1

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™.

Technical Data

Form:	Powder
Color:	Concrete Gray
Shelf Life and Storage Conditions:	6 months unopened. Store in cool, dry conditions.
Application Temperature:	5°C to 40°C 60% relative humidity
Packaging:	22.7 kg bag

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.

For this and/or related products, please refer to individual product data sheets, System Application Guides, Products COSHH, Primer Chart, Fabric Chart.

IMPORTANT NOTE: Always check our website, www.sealoflex.co.uk to determine if the printed literature you are reading is the most current version available.