

CDM 550 - CorroEIFS Base Coat

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Base coat mortar for EIFS system, exterior and interior walls

Product Features

EPS adhesive for the following substrates:

- Exterior grade gypsum sheathing
- Glass mat gypsum sheathing
- Masonry, concrete and cement board
- EPS
- Wood
- Leveler and filler for masonry, concrete, stucco surfaces. For this application only, **CorroEIFS Base Coat** can be built up to 6 mm thick in a single pass.

Typical Uses

CorroEIFS Base Coat is used as a base coat for the EIFS systems. It is also used as an adhesive to laminate EPS to listed substrates. It is an easy to use product with excellent workability. Mixing with water on site. The product is applied without the addition of cement.

Technical Data	
Appearance	: Light grey
Composition	: Copolymer compatible with Portland cement , special additives and mineral aggregates
Grain size	: 0 to 0.5 mm
Water application	: 20 - 22%
Wet density	: 1.8 ± 0.10 Kg/l
Wet mix life	: < 2 hours @ 20°C
Working time	: approx 60 minutes
Compressive strength	: 8 N/mm ²
Flexural strength	: 2 N/mm ²
Bonding strength	: 1.5 N/mm ²
Applicable Standards	: ASTM C926, C897, BS EN 196, BS 5262, BS 5492

Directions for Use

Preparation

All surfaces shall be sound, clean, free from dust, grease and oils.

Surface irregularities are limited to 6 mm or less for masonry and concrete, and 3 mm or less for sheathing.

Irregular and uneven surface should be filled with **CorroEIFS Base Coat**.

Remove surface contaminants such as dust or dirt, without damaging the substrate.

Painted substrates must have the paint removed with methods that result in no more residues.

For additional options for surface preparation, contact CCCDrymix Technical Services.

Mixing

Use clean equipment for mixing and preparation.

Add 6.5 - 7 litres of cool clean potable water to a 20 litres pail.

Add half of the bag of **CorroEIFS Base Coat** and mix to a homogenous consistency using a heavy-duty 13 mm drill with a clean paddle at 400-500 rpm. Then add the remaining half and mix until consistent.

Small amounts of cool clean potable water may be added to adjust workability.

Let the mixture stand for five minutes after initial mixing, then stir again, adding small amounts of water for workability once only.

CorroEIFS Base Coat should be used immediately after mixing.

Half batches may be mixed for convenience.

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 **CorroEIFS Base Coat** to the entire surface on one face of the insulation board, using a notched trowel or appropriate tools.

The adhesive ribbons should be of uniform thickness, run vertically when positioned on the wall, and reach the perimeter of the insulation board. To ensure high initial grab and uniform adhesive contact, apply insulation board to the wall with firm pressure to the entire surface. Apply sufficient pressure to flatten adhesive ridges.

Base coat application:

Rasp EPS board after 24 hours and when adhesive has fully cured and bonded. Using a stainless steel trowel, apply the **CorroEIFS Base Coat** mixture to rasped surface of the insulation board to a uniform thickness of 1.5 - 2.4 mm. Embed the reinforcing mesh immediately in the wet **CorroEIFS Base Coat** mixture. Smooth the surface of the **CorroEIFS Base Coat** mixture with a trowel until reinforcing mesh is fully embedded and the base coat thickness is approximately 1.5 mm. The color of the reinforcing mesh should not be visible at the surface of the **CorroEIFS Base Coat** material.

As a leveler or filler:

Apply **CorroEIFS Base Coat** and trowel to a smooth, uniform surface. Maximum thickness in a single application should be no more than 6 mm.

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Curing

Allow **CorroEIFS Base Coat** to cure for 48 hours, wetting it 3 to 4 times per day.

Cleaning

Clean tools and containers with water before mixture sets.

Estimating

All coverage rates given are theoretical and subject to actual site conditions. We recommend trial areas are done to establish practical consumption.

CorroEIFS Base Coat is available in 30/40 kg bag.

Limitations

For professional use only.

Temperature range should be +5°C to +45°C

Use only on surfaces that are sound, clean, dry, unpainted (10% or less) and free from any residue which may affect the ability of the **CorroEIFS Base Coat** to bond to the surface.

Application in direct sunlight in hot weather will significantly reduce open time for embedding reinforcing mesh and smoothing the surface.

Do not use as a leveler for EPS. Rasp EPS level.

Dries within 24 hours under normal drying conditions of 21°C, at 50% RH. Cold and/or humid weather may extend drying time.

Health & Safety

Always use appropriate PPE including gloves, goggles and a barrier cream to avoid contact with skin and eyes.

Should contact with skin or eyes occur, wash immediately with plenty of clean water and seek medical advice.

If swallowed, seek medical attention immediately. Do not induce vomiting.

Avoid inhalation and ensure adequate ventilation or suitable respiratory equipment if working in confined spaces.

Do not expose products to fire or naked flames under any circumstances.

Always refer to the product Material Safety Data Sheet (MSDS) for full health & safety and handling recommendations.

Storage

CorroEIFS Base Coat has a maximum shelf life of 12 months from the date of manufacture.

To maximize shelf life always store products in their original, unopened packaging in a dry environment, away from direct sunlight with a minimum temperature of 10°C but not exceeding 45°C.

Damaged packaging, high humidity or extreme temperatures may reduce the shelf life.

Warranty

The raw materials used in manufacturing are of high quality. However, weather and ambient temperatures, amount of water added, preparation and conditions of base coat, as well as care exercised in application, are factors over which we have no control. We assume no warranty for finished work, either expressed or implied.