

Skim Coat

POLYMER MODIFIED FAIRING COAT MORTAR

Description:

Empro Skim Coat is a high-performance cement-based fairing coat mortar smoothing patching compound designed to provide a polymeric smooth, superior adhesion, permanent finish to a variety of internal/external substrates to repair damaged concrete substrates both vertically and horizontally.

Empro Skim Coat is based on hydraulic binders, high grade quartz sand and synthetic polymers and is shrinkage compensated.

Empro Skim Coat allows the installation of most coverings in as little as 4 hours over concrete, without the need for priming. Simply add water to for a smooth, creamy mortar for easy application. *Empro Skim Coat* can be applied from a true feather edge up to 5mm in one application that can be easily sanded.

Advantages:

- Natural grey concrete colour.
- Applied from feather edge up to 5mm.
- Internal & external use.
- Fine texture easily sanded.
- Tintable.
- High performance superior adhesion.
- No priming or curing necessary.

Typical Application:

- Filling honeycombs and pin holes.
- Topping render.
- Thin layer smoothing.
- Repair defects in concrete surface.

Properties:

- Application thickness: 0mm to 5mm.
- Shelf life: 12 months when stored in cool, dry conditions.
- Pot life: 3 hours @ 20°C
- Curing time: 4 hours @ 20°C
- Application temperature range 5°C to 30°C

Note: Pot life and curing time will be extended in cooler conditions and shortened in warmer conditions

Limitations:

- Do not apply over standing water.
- Do not use in areas subject to rising damp.
- Do not use in wet areas.
- If substrate moves or cracks, reflective cracking will be observed.
- Do not add excess water.
- Do not mix by hand.
- Do not apply in temperatures below 5°C or greater than 30°C.
- Do not over work surface.
- New concrete surfaces must be at least 7 days old prior to application.

Estimating Data / Coverage:

- 10kg @ 1.5mm covers 4m².
- 10 kg mixed with 3.5 litres yields 6 litres.

Surface Preparation:

Concrete surface must be structurally sound, clean, and free of dirt, dust, oil, curing compounds and any other surface contaminant which may detrimentally affect the bonding properties of *Empro Skim Coat*. Where required, mechanically clean the surface using recommended preparation methods such as shotblasting, diamond grinding, or any other acceptable methods to achieve a suitable surface. Subfloor temperatures must be a minimum of 10°C.

Product Application:

Pre dampen surface with clean water before application making sure no puddling water is present. Concrete substrate should be SSD (saturated surface dry). Simply add 3 to 3.5 litres of water to *Empro Skim Coat* in a bucket. Mix until a smooth lump free mixture is achieved. *Empro Skim Coat* is easily applied to any prepared surface using a steel trowel. Apply sufficient pressure to fill all defects and to feather the product into the substrate. Use the least amount of product possible to obtain the desired smoothness. As soon as *Empro Skim Coat* is cured in 4 hours, coverings can be applied or installed. Do Not overwork the surface. Test all surfaces on a small sample area, before application, to ensure desired results.

Tinting:

Empro Skim Coat can be colour tinted by adding powdered colour pigment up to 100 grams per 10kg bag.

Curing:

Empro Skim Coat is self-curing.

Clean up:

Wash hands, tools, and equipment with water immediately after use. Cured material must be mechanically removed.

Appearance:

Natural grey powder.

Storage:

Store in original, unopened packaging, dry cool conditions. Store away from direct heat and freezing conditions.

Safety Precautions and First Aid:

READ PACKAGING BEFORE USE. REFER TO SDS FOR SPECIFIC DATA.

Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

May cause damage to organs through prolonged or repeated exposure.

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves / protective clothing / eye protection / face protection.



Skim Coat

POLYMER MODIFIED FAIRING COAT MORTAR

IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Get medical advice/attention if you feel unwell. Specific treatment is advised – see first aid instructions. Take off contaminated clothing and wash before re-use. Contains cement silica. Wear gloves, goggles, and mask when handling.

Please Note:

The information given in this data sheet is based on our current knowledge of the product when properly stored, handled, and applied. We cannot guarantee that the product will be suitable, effective, or safe when used for any other purpose other than its stated uses. To the extent that is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, inadequate preparation, inexperienced or negligent application, or ordinary wear and tear. Service or advice given by our staff should not amount to responsibility for the project – since the owner or their contractor (not the supplier) is responsible for procedures relating to the application of the product. This product is supplied by Oriem Pty Ltd.

