

Insulcon Cemento Concrete Finish



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Insulcon Pty Ltd
Technical Information



Insulcon Cemento Concrete Finish - Grey

Product

Insulcon Cemento Concrete Finish is a premium, ultra-fine, polymer-modified decorative coating supplied in a convenient bucket — simply add water and mix. Once prepared, it delivers a smooth, durable, and water-repellent finish in a natural grey, concrete-like appearance. Designed for both interior and exterior applications, it offers excellent strength, superior workability, and consistent results.



Benefits & Features

- Supplied in a bucket — just add water
- Durable cement-based formulation
- Suitable for both interior and exterior use
- Smooth, natural grey finish
- Weather resistant and water repellent
- Excellent adhesion qualities
- Exhibits minimal shrinkage
- 14kg bucket

Colours & Gloss

Finish Colour: Pre-coloured to a grey

Sheen Level: Matt

Oxides: May be added to adjust or darken the grey shade as required

Suitable Substrates

When correctly prepared and used in conjunction with Insulcon's full render systems, Insulcon Cemento Concrete Finish is suitable for application over:

- Concrete & Masonry (in-situ concrete, tilt-up panels, blockwork, brickwork)
- Precast Concrete Panels
- Autoclaved Aerated Concrete (AAC / Hebel)
- Expanded Polystyrene (EPS) Cladding Systems
- Cement Sheeting / Fibre Cement Board

Refer to Insulcon's official system manuals for detailed specifications and installation guidance.

Surface & Product Preparation

1. Ensure substrate is clean, sound, and free of dust, oil, grease, or contaminants.
2. Remove loose particles to avoid delamination.
3. Prime rendered surfaces with Insulcon Patch to prevent premature drying.
4. Repair cracks or surface defects before application.
5. Protect adjacent finishes and surfaces from splashes.

Mixing

1. Open supplied bucket.
2. Add approx. 3-4 *litres of clean water* (final volume to be confirmed by field trial).
3. Mix mechanically with a paddle mixer for 3–5 minutes until lump-free.
4. Allow mix to stand for 5 minutes, then remix briefly before use

Coverage

- Approx. 12-15m² per bucket at 1 mm thickness (depending on substrate condition).
- Film Build: 0.5–1 mm dry film thickness per coat (minimum 0.5 mm, maximum 2 mm)
- 2 coats required.
- Use multiple coats for higher build.

Note: Do not add extra water, sand, or other materials to extend coverage — this will compromise performance and void warranty.

Application

- Apply using a Hawk & **steel trowel**.
- Typical thickness: 0.5mm - 1 mm.
- Workable time: ~60 minutes depending on conditions.
- Avoid overworking; finish surface while material is fresh.
- Protect from rain, strong sun, frost, and wind until cured.
- Can be trowelled and worked during setting to achieve a smooth finish. Once dry, it may be sanded back if further refinement is required.



Insulcon warns Insulcon Cemento Concrete Finish should be allowed a minimum 48-72 hours to cure depending on weather before Insulcon sealer is applied and must be sealed within 7 days. Warranties will be void if this has not taken place. Insulcon Cemento Concrete Finish should only be applied in suitable weather. Rain, freezing, excessive warmth and windy conditions are not suitable conditions for application.*Prior to works commencing, make sure a test panel has been carried out for approval of both texture and color by client.

Technical Data

Appearance	Fine grey powder in sealed bucket
Sheen Level	Matt
Pot Life	60–90 minutes
Touch Dry	4–6 hours
Curing Time	7 days
Coverage	12-15m² per bucket at 1 mm thickness
pH (wet)	Alkaline
Shelf Life	12 months if stored sealed, cool, and dry

Storage & Transport

Store in sealed moisture-resistant buckets, in a cool dry place away from direct sunlight and moisture.

Keep dry during transport and storage. Handle in accordance with cement-based product guidelines.

Safety

If swallowed: Rinse mouth with water, drink water, seek medical advice.
If in eyes: Flush with water for 15 minutes, seek medical attention.
If on skin: Wash with soap and water, remove contaminated clothing.
If inhaled: Remove to fresh air, seek medical advice if symptoms persist.

Refer to the Safety Data Sheet (SDS) for detailed information.