

INSTALLATION INSTRUCTIONS

EPOXY CERAMIC SCREED

Coverage rates may vary depending on the porosity of the substrate.

1 Preparation

- Ensure the concrete is sufficiently cured to the recommended minimum of 28 days from completion.
- Diamond grind the substrate. The surfaces must be clean and dry, free from all traces of loose material, old coatings, curing compounds, release agents, laitance, oil, and grease, etc. This must be completed by diamond grinding or a suitable cleaning method.
- To check that all traces of oil and other contaminants have been completely removed, sprinkle a few drops of water over the surface. If all water is quickly absorbed, the surface is sufficiently oil and grease-free.
- If water forms into globules that remain on the surface, further thorough treatment of the substrate is necessary.
- Substrate compression strength should be at least 25MPa, cohesive bond strength at least 1.5MPa and moisture content below 4%.
- Repair and fill cracks with EPO100EP Epoxy Putty or Concrete Repair Kit.

The surface must be dry before the application of the product. Acid or wet etching is not recommended.

2 Prime Coat

- Apply a prime coat of EPO100G® Glaze Epoxy at a rate of 6m²/L, 10% of 150 Epoxy Thinners is recommended depending on the substrate.
- Leave to cure for approximately 24 hours or until touch dry.

3 Mixing

- Combine EPO100C® Clear Epoxy: 2 Parts A with 1 Part B. Mix thoroughly using a drill mixer.
- Mix the combined EPO100C® Clear Epoxy with 200C Ceramic at a ratio of 3:4.
(e.g. 3L of Mixed EPO100C® Clear Epoxy with 4L of Ceramic)
- Mix thoroughly with a drill mixer.

Please Note: EPO100G Glaze can be used in place of EPO100C clear in cases where Installers do not want to use two different products on the Primer & Screed Coat.

NOTE: Refer to individual TDS & SDS for mixing instructions, pot life, recommended PPE during preparation & application of products.

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4 Application

- Using a trowel, screed the floor as a thin scratch coat or flood the floor as a self-level screed.

Spread Rate

20m² if filling grout lines over tiles

7m² at 1mm thick as a solid screed coat

If required, a second screed and grind can be done to ensure no shadowing of the substrate.

- Leave to cure for approximately 24 hours or until touch dry.
- If coating over tiles, a light grind is required.
- If coating over exposed aggregate, a heavy grind is required.
- If required, an additional screed coat and grind can be done to ensure no shadowing of the substrate.
- Continue application, following the system's installation instructions.

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