

INSTALLATION INSTRUCTIONS EPO100C AND CERAMIC FILLER

EPOXY SCREED PROCESS



PREPARATION

- Ensure the concrete is sufficiently cured to the recommended minimum of 28 days from completion.
- Diamond grind or Polyvac the substrate. The surfaces must be clean, dry, and 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%.

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

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.

MIXING

- Combine EPO100C® Clear Epoxy: 2 Parts A with 1 Part B. Mix thoroughly using a drill mixer.
- When thoroughly blended, slowly add 4 litres of 200C Ceramic into the mixed EPO100C® Clear Epoxy and mix thoroughly to make a flowable mortar.

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.

APPLICATION

- Using a trowel, screed the floor as a thin scratch coat or flood the floor as a self-level screed.
Once cured, if coating over tiles, a light grind is required, however, exposed aggregate will require a heavy grind.

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.

CONTINUE APPLICATION AS PER SYSTEM INSTRUCTIONS



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