

INSTALLATION INSTRUCTIONS

CERAMIC FILLER

EPOXY CRACK REPAIR SYSTEM



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 EPO100T® Tinted 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.

A Prime Coat is only required if the product is being used to screed.

MIXING

- Combine EPO100C® Clear Epoxy: 2 Parts A with 1 Part B. Mix thoroughly using a drill mixer.
- When thoroughly blended, slowly mix the 200C Ceramic into the EPO100C® Clear Epoxy.
 - If being used for crack repair, add 5 Parts Ceramic to achieve a consistency similar to toothpaste.
 - If being used for a ceramic screed or scratch coat, add 4 parts Ceramic, this will achieve a self-leveling mix.

APPLICATION FOR CRACK REPAIR

- Fill the cracks with combined mixture, using a paint scraper or spatula. Push in and scrape off the excess.
- Leave to cure for approximately 4 hours.

APPLICATION FOR CERAMIC SCREED

- Pour the mix onto the primed surface.
- With the use of a concrete trowel spread the product as a thin scratch coat or as a build coat at 1m²/L



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