INSTALLATION INSTRUCTIONS

EPOXY MORTAR SILICA SAND

EPOXY CRACK REPAIR SYSTEM

ALL PURPOSE COATINGS

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

- Prime the area to be repaired with mixed EPO100C® Clear Epoxy, using up to 10% 150 Epoxy Thinners.
- Combine EPO100C® Clear Epoxy: 2 Parts A with 1 Part B. Mix thoroughly using a drill mixer.

MIXING

- Combine EPO100C® Clear Epoxy: 2 Parts A with 1 Part B. Mix thoroughly using a drill mixer.
- Add 20kg of Silica Sand -600 Grit to the 3L of mixed EPO100C® Clear Epoxy.
- For stronger repairs, mix 6L combined resin with 20kg of Silica Sand

APPLICATION

- Fill the cracks with the combined mixture, using a paint scraper or spatula. Push in and scrape off the excess.
- Leave to cure for approximately 24 hours.

Repaired areas will need to be sanded or ground smooth prior to applying the first coat of epoxy.
First coat of epoxy should not include thinners.

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