



Unit 1, 22 Lawrence Drive, Nerang, QLD 4211
Ph: 1300 044 625
Email: accounts@contreat.com.au
www.contreat.com.au

Preparation Guide for Coatings, Sealers & Concrete Treatments

Surface Porosity

- 1 Ensure the concrete has sufficient porosity for the sealer or treatment to penetrate.
- 2 Apply 2–3 drops of clean water to the surface and time absorption.
- 3 Water should absorb within 90 seconds.
- 4 Repeat in multiple areas of the slab.
- 5 If absorption is slower than 90 seconds, diamond grinding or light acid washing may be required.

Moisture

- 1 The substrate must be dry and free from rising moisture.
- 2 Use a moisture meter where possible.
- 3 Alternatively, perform a plastic sheet test for 24 hours.
- 4 If condensation or darkening occurs, allow more drying time.

Contamination

- 1 All surfaces must be clean and free from oil, grease, paint, curing compounds, and debris.
- 2 Remove contaminants using suitable cleaners or mechanical grinding.
- 3 If water cannot penetrate the surface, neither will a coating or sealer.

Crack & Surface Repairs

- 1 Open cracks if required using a grinder.
- 2 Remove all dust and debris.
- 3 Fill cracks using Con-Treat Crack Fix.
- 4 Allow to cure as per product instructions.
- 5 Grind or sand smooth if required.

Mechanical Preparation

- 1 Use diamond grinding or shot blasting where required.
- 2 CSP 1–2: Penetrating treatments such as Con-Treat Densi-Treat.
- 3 CSP 2–3: Epoxy and polyurethane coatings.
- 4 CSP 3–5: Heavy-duty industrial coatings.

Acid Etching (If Required)

- 1 Clean the surface thoroughly before etching.
- 2 Lightly dampen the concrete (no standing water).
- 3 Dilute hydrochloric acid 1:10 with water (always add acid to water).
- 4 Apply evenly and allow to react for up to 15 minutes.
- 5 Rinse thoroughly with clean water.
- 6 Neutralise with an alkaline cleaner and rinse again.
- 7 Allow to dry for at least 24 hours.

Densifying (If Required)

- 1 Apply Con-Treat Densi-Treat to the prepared surface.
- 2 Follow the product Technical Data Sheet for application instructions.

Final Check Before Application

- 1 Surface is clean and correctly prepared.
- 2 All repairs with Con-Treat Crack Fix are complete.
- 3 Surface porosity is suitable.
- 4 Moisture levels are acceptable.
- 5 Densi-Treat applied where specified.

Important Notes

- 1 Always follow the Con-Treat Technical Data Sheet (TDS).
- 2 Preparation requirements may vary depending on the system.
- 3 Contact Con-Treat Technical Support for project-specific advice.