



M12 DURATOP CQF

M12 RESIN FLOORING

To be read with Preliminaries/ General Conditions

TYPES OF FLOORING

110 RESIN FLOORING

- Substrate: Polymer Modified sand cement screed/concrete
- Preparation: As clause 230
- Resin flooring system:
- Manufacturer: Pro-Res
- Contact: PRO-RES (UK) Ltd
Unit 10, Butts Court
Butts Street
Leigh
Lancashire WN7 3AW
Tel: 01942 261155
Email: info@pro-resin.com

- Primer reference: Duratop CQF Primer
- Resin flooring reference: Duratop CQF
- Nominal thickness: 4mm
- Colour: As standard colour chart
- Surface finish/ treatment: 1 coat of Duratop CQF transparent Sealer
- Flatness/ Surface regularity: Free from sudden irregularities.
- Maximum permissible deviation when measured as clause 390:
- Resin skirtings/ upstands: Duratop CQF
- Other requirements: Nil

PREPARATION OF SUBSTRATES

210 MOISTURE CONTENT OF SUBSTRATES

- Drying aids: Before testing, turn off and wait at least four days
- Test for moisture content: To BS 8203, Appendix A using an accurately calibrated hygrometer. Take readings in corners, along edges, and at various points over the area being tested.
- Acceptability; Do not lay resin flooring until readings show 75% relative humidity or less.

220 SURFACE HARDNESS OF SUBSTRATES

- General: Substrates must restrain stresses that occur during setting and hardening of resin.
- Test for surface hardness: To BS EN 12504-2 using a rebound hammer/Schmidt Hammer test
- Report: Submit:
- Details of areas where substrate hardness values do not comply with the resin flooring manufacturer's requirements.
- Proposals for repair or cut out and replacement.

230 PREPARATION OF SUBSTRATES GENERALLY

- Blow holes, cavities, cracks, etc: Fill with Duratop Mastic epoxy paste
- Cleanliness: Remove surface contaminants, debris, dirt and dust.

- Texture of surface: Suitable to accept resin flooring and achieve a full bond over the complete area.

240 EXISTING SUBSTRATES

- Preparation: Remove surface imperfections, ingrained contaminants, coatings and residues.
- Areas impregnated with contaminants: Submit proposals for removal and repair.

250 EXISTING TILE/ SHEET FLOOR COVERINGS

- Preparation: Remove coverings, residual adhesive, bedding, grouting and pointing.

LAYING FLOORING

310 WORKMANSHIP

- Operatives: Trained/ experienced in the application of resin floor systems.
- Fillers and incorporated aggregates: Thoroughly mix in to ensure wetting. Avoid over-vigorous mixing resulting in excessive air entrainment.
- Scattered aggregates: Broadcast onto wet surface of resin to give consistent appearance.
- Curing: Allow appropriate periods between coats, before surface treatments, and before trafficking/ use.

330 PRIMING

- Application: Spread primer evenly to completely wet, penetrate and seal substrates.

340 REINFORCEMENT

- Polypropylene fibres approx 5% can be mixed in with the regulating layer.

350 RESIN FLOORING

- Application: Spread coats evenly with uniform thickness, surface finish and colour.

360 SURFACE ABRADING

- Abrading/ Polishing: Provide a uniform fine finish and remove dust.

380 SURFACE SEALING

- Application: Spread sealer evenly to grout completed resin surface at a coverage rate of 400 grams per sqm, follow with a roller coat application of Transparent Sealer.

390 FLATNESS/ SURFACE REGULARITY OF FINISHED RESIN FLOORING

- Deviation of surface: Screed flatness to be within a floor finish tolerance.

400 ADHESION OF RESIN FLOORING

- Bond strength between substrate and fully cured resin flooring: In accordance with manufacturer's performance data.

410 RESIN SKIRTINGS/ UPSTANDS

- General: Use a vertical grade of resin for skirting/ upstand. Form radius cove retain with a stop bead or wall tiles.
- Transition with resin flooring: Seamless.

420 FREE EDGES OF RESIN FLOORING

- General: Form a straight, smooth transition to abutting floor finishes.

440 STRIP MOVEMENT JOINTS

- General: Position over movement joints in substrate.
- Retention of resin edges: Neat sawcut to form straight lines.
- Joint width: 4 mm.
 - Product reference: tbc
 - Colour: Similar to floor colour