

M41

Terrazzo tiling/ in situ terrazzo

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To be read with Preliminaries/ General conditions.

TYPES OF TERRAZZO

- 110A TERRAZZO TO BASEMENT LOBBY - TO NEW TRENCH LIDS AND REPAIRS TO EXISTING ADJACENT
- Allow for repair to area 500mm wide to each side of new trench lids - approx area that will be removed in order to form trench.
 - Substrate: Galvanised steel tray / In situ concrete.
 - Samples to be submitted for verification of match to existing.
 - Full specification to follow.

GENERALLY

- 210 SUITABILITY OF SUBSTRATES
- General: Suitably dry and clean for specified bedding method.
 - Existing substrates: Free from loose areas and significant cracks and gaps.
 - New in situ concrete substrates: Allow for initial shrinkage:
 - Air drying after curing: (minimum) 6 weeks .
 - Other methods: Submit proposals.
- 220 EXISTING CONCRETE/ SCREEDS
- Loose or hollow portions: Cut out and make good.
 - Material for making good: Contractor's choice .
- 230 SAMPLES
- General: Submit representative samples of the following: Tile to match existing
- 340 FLATNESS/ SURFACE REGULARITY OF FINISHED FLOOR
- Sudden irregularities: Not permitted.
 - Deviation (maximum) of surface measured from underside of a 2 m straightedge, between points of contact, and placed anywhere on the surface: 3 mm.
- 430 IN SITU TERRAZZO
- Mixing terrazzo materials: Before adding water, mix in a dry state to a uniform colour and with even distribution of different size aggregates.
 - Water content: Minimum necessary to achieve full compaction.
 - Bedding: Compact thoroughly.
 - Terrazzo: Lay on layer of wet slurry and compact level with the dividing strips.
 - Timing: To achieve effective bond to bedding.
 - Slurry type: 1:1 Cement fine sand.
 - Surfaces: Free from excess laitance.
 - Aggregate: Regularly distributed with minimum amount of cement matrix visible.

FINISHING**520 GRINDING**

- Mechanical grinding: Use wet process. Dry process permitted only where it is not practicable to use wet process.
- Coarse grinding: Remove all surface grout, correct unevenness and remove lipping between tiles/ slabs. Remove residue and dust. Wash and rinse surface.
 - Residue and dust: Remove. Wash and rinse.
- Fill with matching grout.
- Fine grinding: Polish surface.
 - Residue and dust: Remove. Wash and rinse.
- Protection: Cover and keep free from traffic for at least two days.