



SPECIFICATION FOR PRE-CAST TERRAZZO

Terrazzo Precast is to be manufactured and installed using the following materials and methods:

PART 1 – MATERIALS

- a. Portland Cement: (White Portland Cement) (Grey Portland Cement) to match samples or colours specified.
- b. Sand: shall be clean, hard, natural or manufactured conforming with the S.A.A. No. A77 specifications for fine aggregate.
- c. Marble Chips: Shall be standard quarry products of sizes and colours necessary to match samples.
- d. Mineral Pigments: Shall be lime proof, non-fading mineral or synthetic pigment.
- e. Water: Shall be clean, clean and drinkable.

PART 2 – MANUFACTURE

Standard terrazzo precast shall be as follows:

38mm thick single faced terrazzo, reinforced with A.S.A. 84 F62 welded wire mesh centrally embedded. Terrazzo matrix shall be first quality of selected colours and mixed in the proportion of one part white or grey cement coloured where required, to two parts marble chips.

Terrazzo shall be kept in damp condition and cured ready for grinding. At a minimum of 3 days after casting, exposed faces shall be machine ground to a smooth even surface to show 75-80% marble and grouted with cement into all pores.

After cement is cured all exposed faces shall be fine ground and polished to a smooth even finish having external angles slightly nosed. Detail all edges as specified refer dwg 017.022

PART 3 – CLEANING

Immediately following the machine rubbing or fine stoning wash all surfaces with a solution of neutral cleaner, and rinse.

PART 4 – PROTECTION OF FINISHES

When precast is completely manufactured they shall be protected ready for final site installation.

PART 5 – INSTALLATION

Installation of standard precast units shall be effected in any of the standard methods shown in the list of drawings forming part of this specification and utilizing accessories as described in this specification.

PART 6 – DEFINITIONS

Steps and Risers

A terrazzo step shall be a minimum of 38mm thick and a maximum of 2200mm long. A terrazzo riser shall be a minimum thickness of 20mm. Extra thickness steps are utilised for where terrazzo steps are fixed to steel. Terrazzo steps and risers can be complemented with anti slip grooves and have a separate colour nosing to satisfy any visual impairment requirement. REFER DRW'S 022.022,021.022,019.022,018.022,020.022

Skirting

Terrazzo skirting shall be a minimum of 20mm thick with a typical length of 1000mm. Edge details can be specified as desired. REFER DRW 015.022

Coving

Terrazzo coving shall be a minimum of 20mm thick with a typical length of 1000mm. Colour should be identical to floor applications with joints grouted with the same cement mixture as used to manufacture the precast coving. REFER DRW 016.022

Benchtops

Terrazzo benchtops shall be a minimum of 38mm thick with a maximum length of 2200. Any cut outs need to allow a minimum of 100mm of terrazzo either side of the penetration to maintain strength.

Micellaneous Precast Applications

Precast terrazzo can typically be manufactured in any formable shape in any desired thickness or length, engineering requirements being satisfied. However, thought must be given to the weight of the precast element and how the unit will be transported and fixed into place.

PART 7 - GUARANTEE

The terrazzo contractor shall furnish a written guarantee against defects due to improper and/or defective materials and/or workmanship for a period of one year following substantial completion of the terrazzo installation.

