



**GULF ARAB CRETE BUILDING & CONSTRUCTION
MATERIALS TRADING CO. L.L.C**

METHOD OF STATEMENT FOR PRECAST TERRAZZO

1. Objective:

The objective of this method statement is to provide guidelines and procedures for the Method of Statement for Precast Terrazzo

2. Scope:

This method statement applies to the application of Precast Terrazzo in various areas such as commercial buildings, residential properties, and industrial facilities.

3. Equipment and Materials:

- Tile Adhesive
- Trowel
- Rubber Hammer
- Mixer & Grinder
- Wet vacuum or automatic scrubber
- Grout knife and tape
- Bucket
- Broom and Mop.
- Safety equipment (personal protective equipment)

4. Procedure:

4.1 *Preparation:*

- 4.1.1 Conduct a site inspection to ensure the substrate is suitable for tiling (Make sure the Substrate is concrete surface). Check for any cracks, spalling, or surface defects that may require repair or rectification.
- 4.1.2 Clean the concrete surface thoroughly, removing any debris, oil, grease, or other contaminants that may affect the adhesion of Terrazzo Tile.

4.2 *Installation of Tile*

- 4.2.1 Terrazzo tiles must be installed on a well-level, clean and dry surface. Humid subsoil will cause fur deposits on the tile's surface.
- 4.2.2 Apply the adhesive evenly on the surface the tile is being laid on, using a large-toothed comb trowel. Also apply adhesive on the back of the tile.
- 4.2.3 Position the tiles with your hands – without hammering – leaving a thin gap (1 or 2 mm, thickness of a filling-knife) for the joint. A thicker gap should be used with under-floor heating and outdoor installation(min 2mm).

4.3 *The grout between tiles*

- 4.3.1 Apply the grout to match the color as terrazzo tile.
- 4.3.2 Excess grout should be removed immediately with a damp sponge.
- 4.3.3 Avoid spreading the grout onto the whole tile surface.

4.4 *Polishing and crystallization of Terrazzo (Recommended)*

- 4.4.1 After installation and grouting, it is recommended to polish (sand down) terrazzo floor tiles, the same way you would proceed with marble or natural stone floors.
- 4.4.2 Abrasive polishing should be used to level the surface and even tone and shine of the entire floor.
- 4.4.3 By removing a thin surface layer (polishing) of Terrazzo it can perfectly level the surface and even out tone , curvature and shine of the tiles/floor. This is specially recommended when installing large tiles.
- 4.4.4 Additionally, it can repair a floor that has suffered mechanical or chemical damage.

4.4.5 If you prefer to have a shinier terrazzo, the floor should be buffed with a buffing machine and neutral wax. As with marble, Granit or other limestone floors, terrazzo can be crystallized. This simple process will harden and protect the surface of the tiles as well as enhance color and give a shiny finish. A marble/Terrazzo specialist should carry out this process with a buffing machine.

5. Health, Safety, and Environmental Precautions:

- Ensure all personnel involved in the installation and polishing process wear appropriate personal protective equipment (PPE) such as safety goggles, gloves, and boots.
- Adhere to local safety regulations and guidelines throughout the application and polishing process.
- Properly dispose of any waste materials, such as excess concrete or packaging, in accordance with local environmental regulations.