



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

METHOD OF STATEMENT FOR MICRO CEMENT

1. Objective:

The objective of this method statement is to provide guidelines and procedures for the proper installation of Micro Cement using GAC Base Crete, Micro Top, Crete Mesh, Primer and Protective sealer resulting in a durable, esthetically pleasing, and gloss/Matt finish.

2. Scope:

This method of statement applies to the installation of Micro Cement in various areas such as commercial buildings & residential properties.

3. Materials

- Micro Top 100 (Micro Cement)
- Base Crete 100 (For Walls & Ceilings)
- Base Crete 200 (For Floors)
- Crete Mesh(Reinforcement Fiber Mesh)
- Primer
- Protective Sealers

4. Equipment and Tools:

- Scraper, Trowels ,Cutter and Squeeze
- Mixer Machine & Buckets for Mixing
- Broom and Mop
- Spray bottle (for moist curing)
- Sanding machine (for surface leveling)
- Sprayer or roller for applying sealer/Primer
- Safety equipment (personal protective equipment)

5. Procedure:

5.1 Preparation:

- 5.1.1 Conduct a site inspection to ensure the concrete substrate is suitable for laying. Check for any cracks, spilling, levels or surface defects that may require repair or rectification.
- 5.1.2 Clean the concrete surface thoroughly, removing any debris, oil, grease, or other contaminants that may affect the adhesion and performance of the GAC products.

5.2 Application of Micro Cement

- 5.2.1 Apply Primer to the surface
- 5.2.2 Install Crete Mesh
- 5.2.3 Mix Base Crete with required amount of water and apply first coat upon Crete mesh. Once it's dry, apply the second coat and allow it to cure for a minimum of 12-24 hours. Follow the manufacturer's recommendations for application rates and coverage.
- 5.2.4 Sand lightly between layers to ensure smooth adhesion.
- 5.2.5 Mix Micro Top 100 with Required amount of clean water(5-6 L per 20Kg/Pail) and apply first coat to the surface using trowels or squeeze and allow to cure minimum for 12-24 hours ensuring the surface remains moist.
Then apply second coat, Micro Top maintaining the required thickness and additional coats for texture as per required. Allow it to be cured for 12-24 hours. Follow the manufacturer's recommendations for application rates and coverage.
- 5.2.6 Once dry, sand to smooth out imperfections. Clean the surface from Dust particles.

5.3 *Application of GAC Protective Sealer:*

- 5.3.1 Ensure the Micro Cement surface is completely clean and dry before applying the GAC protective sealer.
- 5.3.2 Apply the first coat of sealer onto the surface using a sprayer or roller, following the manufacturer's recommendations for application rates and coverage.
- 5.3.3 Allow the sealer to dry and cure as per the manufacturer's instructions, considering environmental conditions such as temperature and humidity.
- 5.3.4 Apply Second coats of sealer ensuring each coat is allowed to dry and cure before applying the next.
- 5.3.5 Allow the sealer to dry and cure as per the manufacturer's instructions, considering environmental conditions such as temperature and humidity at least 24 hours initially and 5-7 day for complete curing.

6. Health, Safety, and Environmental Precautions:

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