



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

METHOD OF STATEMENT FOR RESIN BOUND STONE CARPET

1. Objective:

The objective of this method statement is to provide guidelines and procedures for the proper installation of Resin Bound Stone Carpet using GAC Resin Bound, Aggregates, Crete Mesh, Primer and Protective Sealer resulting in a durable, esthetically pleasing, and gloss finish.

2. Scope:

This method of statement applies to the installation of Resin Bound Stone Carpet in various areas such as Commercial buildings & residential properties.

3. Materials

- Resin Bound 100 A+B(PU based)
- Aggregates (Natural, Spanish, Glass)
- Crete Mesh(Reinforcement Fiber Mesh)
- Primer
- Protective Sealers

4. Equipment and Tools:

- Scraper, Trowels ,Cutter.
- Mixer Machine & Buckets for Mixing
- Weighing scale
- Broom
- Leveler
- 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, spalling, 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 Resin Bound Stone Carpet

- 5.2.1 Installation of trim(if required) and apply Primer to the surface
- 5.2.2 Install Crete Mesh
- 5.2.3 Mix Part A thoroughly and pour Part B into Part A and mix until it is homogeneously mixed. Then add Aggregates to mixer and pour Resin Bound mix gently and mix it well until homogeneous. Follow the manufacturer's recommendations for application rates and coverage.
- 5.2.4 Pour the mix to surface and trowel to required thickness.
- 5.2.5 Compact and smooth with straight edge to maintain the level and allow to dry.

5.3 Application for GAC Protective Sealer:

- 5.3.1 Ensure the Resin Bound 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 if required.
- 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 days 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.