

Method Statement for BC Micro-Cement Application

1. Purpose

To provide a detailed guide for the application of micro-cement to achieve a smooth, durable, and aesthetically pleasing finish on surfaces.

2. Scope

Covers the preparation, application, and finishing of micro-cement for walls, floors, countertops, and other suitable surfaces.

3. Tools & Equipment

Mixing paddle and drill

Trowels (steel and plastic)

Sandpaper or sanding machine

Spatula

Paint roller and tray

Cleaning cloths

Buckets for mixing

Measuring tools

4. Materials

BC Poxy putty 2000

BC Poxy Primer 349

BC tec Micro-cement base coat

BC tec sealer 201

Sealer

Water or additives (as recommended by the manufacturer)

5. Safety Measures

Ensure proper ventilation in the workspace.

Wear personal protective equipment (PPE), including gloves, masks, goggles, and safety boots.

Keep the workspace free of tripping hazards.

Dispose of waste materials responsibly.

6. Procedure

6.1. Surface Preparation

Cleaning: Ensure the substrate is clean, dry, and free of dust, grease, or loose materials.

Repairs: Fill cracks and imperfections with appropriate repair material and allow to dry.

Leveling: If necessary, apply a leveling compound to smooth uneven surfaces.

Priming: Apply a primer (compatible with the micro-cement) using a roller or brush. Allow to dry as per manufacturer's instructions.

6.2. Mixing the Micro-Cement

Use a clean bucket to mix the micro-cement powder with water (or additives) as per the manufacturer's instructions.

Mix with a paddle and drill until a smooth, lump-free paste is achieved.

Allow the mixture to rest for a few minutes before application.

6.3. Application of Base Coat

First Layer: Apply the first coat of micro-cement using a steel trowel in thin, even layers (1–2 mm thickness). Work in small sections.

Drying: Allow the base coat to dry for at least 4–6 hours (or as specified).

Sanding: Lightly sand the surface with fine-grit sandpaper to remove imperfections.

Cleaning: Remove sanding dust with a clean, damp cloth.

6.4. Application of Finishing Coat

Apply the finishing coat in a similar manner to the base coat but with more attention to achieving the desired texture and appearance.

Allow to dry for 4–6 hours.

Sand the surface lightly again for a smooth finish.

Repeat if additional layers are required for desired thickness.

6.5. Sealing

Apply a protective sealer using a roller or brush to enhance durability and stain resistance.

Allow the sealer to cure as per the manufacturer's instructions.

7. Quality Checks

Check for uniformity in texture and color.

Ensure the surface is free from cracks, bubbles, or inconsistencies.

Verify the thickness of layers complies with project specifications.

8. Cleaning & Handover

Remove all protective coverings and clean the workspace.

Dispose of leftover materials and debris responsibly.

Conduct a final walkthrough with the client to ensure satisfaction.

9. Maintenance

Clean surfaces with mild soap and water; avoid abrasive cleaners.



Inspect regularly for wear or damage and reapply sealer if necessary.