

INCISE MICROTOPPING

PRODUCT DATA SHEET

APPLICATION PROCESS

Product Type: Polymer-modified cementitious overlay

Use: Seamless decorative finish for floors, walls and furniture surfaces (interior/exterior)

1. SURFACE PREPARATION

Objective: Ensure a clean, stable, and receptive substrate

Steps:

- Remove all contaminants (dust, oil, grease, paint, curing agents)
- Mechanically prepare surface via grinding, sanding, or shot blasting
- Ensure substrate is level, compact, and free of cracks or loose material
- Check moisture content: must be < 4% for concrete surfaces
- Respect existing control joints to prevent future cracking

2. PRIMER APPLICATION

Objective: Promote adhesion between substrate and microtopping system

Steps:

- Apply primer using roller or brush
- Allow primer to cure fully (typically 4–8 hours)
- Use spiked shoes when walking on wet primer to avoid surface damage

3. BASE COAT APPLICATION

Objective: Establish structural foundation for the microtopping system

Materials:

Liquid polymer + Microtopping Base Coat powder (coarse aggregate)

Steps:

- Mix components thoroughly to achieve a smooth, workable consistency
- Apply thin layer (approx. 1 mm) using steel trowel or squeegee
- Ensure uniform coverage and avoid ridges or air pockets
- Allow to dry for 24 hours before next layer

4. INTERMEDIATE COAT (OPTIONAL)

Objective: Add texture, design, or reinforcement

Materials:

High-performance Microtopping mix (intermediate aggregate)

Steps:

- Apply second layer using trowel or decorative tools
- Incorporate textures, patterns, or stencils as needed
- Allow sufficient drying time (typically 12–24 hours)

5. FINISH COAT APPLICATION

Objective: Achieve final aesthetic and surface smoothness

Materials:

Fine Microtopping mix

Steps:

- Apply final coat (0.5–1 mm) using steel trowel
- Smooth surface or polish depending on desired finish
- Allow to dry thoroughly before sealing

6. PROTECTIVE SEALING

Objective: Enhance durability, stain resistance, and longevity

Materials:

Water-based or solvent sealer (UV and moisture resistant)

Steps:

- Apply 1–2 coats using roller or brush
- Allow full curing (typically 24–48 hours)
- Inspect for uniform coverage and adhesion

POINTS TO NOTE:

- Total thickness: 2–3 mm
- Substrate compatibility: Concrete, ceramic, wood, plasterboard, screeds
- Applications: Floors, walls, stairs, countertops, furniture
- Performance: Seamless, durable, customizable, and low-maintenance