

METHOD STATEMENT METALLIC EXPRESSIONS

This specification assumes a concrete compressive strength greater than 25N/mm², application temperatures of 10-35°C, the presence of an effective damp proof membrane and concrete moisture content less than 75% RH.

This specification must be read in conjunction with relevant product technical data sheets.

OUTLINE FOR INSTALLATION:

Prepare surface	
Apply Flowprime	@ 0.25 kg/m²
Apply Flowcoat SF41	@ 2.00 kg/m²
Apply Metallic Expressions	@ 0.60 kg/m²

1. **SURFACE PREPARATION**

- 1.1 Surface preparation is to be completed by totally enclosed shot blasting and/or scarification. All cementitious laitance must be removed to expose a sound screed and provide a dry, dust free, open textured surface. All hard to reach areas and areas around the perimeter must be prepared using hand held preparation equipment.
- 1.2 Any damaged areas must be repaired with Flowtex F1 mortar. Consult Flowcrete prior to using an alternative repair mortar.

2. **APPLICATION OF FLOWPRIME**

The substrate must be surface dry before the application of Flowprime.

2.1 **Mixing**

Pack components are pre-weighed for optimum performance. Never split or proportion packs.

Pre-mix the Base A to re-disperse any settlement. Transfer Base A and Hardener B to a clean container and mix with a slow speed drill and helical spinner head for 90 seconds, taking care not to entrain air.

2.2 **Application**

Immediately after mixing, apply Flowprime using a medium pile roller and/or squeegee, ensuring it is worked into all surface irregularities. Allow to cure (typically 7-15 hours, dependent on temperature).

3. **APPLICATION OF FLOWCOAT SC**

Within 24 hours, apply Flowcoat SF41.

3.1 **Mixing**

Pack components are pre-weighed for optimum performance. Never split or proportion packs.

Pre-mix the Base A to redisperse any settlement. Add the Hardener B to the Base A container and mix for 30 seconds. Transfer the mixture into another container and add the Filler C. Mix with a slow speed drill and helical spinner head for 90 seconds, taking care not to entrain air.

3.2 **Application**

Immediately after mixing, spread Flowcoat SF41 using a pin rake/notch squeegee or steel trowel onto the primed floor at the required thickness.

Immediately, roll with a spiked roller to release any entrapped air and level the mortar. Do not roll the surface again after 8 minutes of the application. Late spike rolling will cause surface texture.

Leave to tack free between 8-12 hours or overnight.

4 **APPLICATION OF METALLIC EXPRESSIONS**

Flowcoat SF41 shall be sanded and lightly solvent-wipe before application of Metallic Expressions.

4.1 **Mixing**

Pack components are pre-weighed for optimum performance. Never split or proportion packs.

Pre-mix the Base A to redisperse any settlement. Add the Metallic Expressions pigment to the Base A container and mix for 30 seconds. Add the Hardener B into the mixture and mix with a slow speed drill and helical spinner head for 90 seconds, taking care not to entrain air.

4.2 **Application**

Pour and spread the materials using notch squeegee and finish with steel trowel.

Immediately, roll with a loop roller to release any entrapped air. Within 10 minutes from mixing, using an appropriate spray nozzle, spray the Metallic Expressions additive onto the wet film to create unique metallic design and effects.

Note: The metallic effects/design is uniquely created and it will not be identical over the entire floor. It is recommended that a designer or a representative from the client/customer to approves the metallic effects or the design of the application.

5 **TRAFFICKING**

Allow to cure for 24 hours at a minimum of 10°C before light trafficking.

Application of all materials to be strictly in accordance with manufacturer's instructions:-

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