

Cemafill Stone Method Statement

(High performance cementitious tile grout and stone pointing mortar for joints up to 20 mm)

Section A : General Comments

General

- (i) Cemafill Stone can be applied for joint widths up to 20 mm.
- (ii) Cemafill Stone shall be used when the ambient temperature above 5°C. At high temperatures that exceed 35°C, the following instruction shall be followed:
 - Store unmixed materials in a cool temperature, avoiding exposure to direct sunlight.
 - Keep equipment cool, arranging shade protection if necessary.
 - Plan for enough material, tools and labours to avoid any stop while the application process.
 - Avoid application through peak temperatures of the day.

Equipment

It is suggested that the following list of equipment is adopted as a minimum requirement:

<i>Protective clothing</i>	:	<i>Protective overalls</i>
	:	<i>Good quality gloves</i>
<i>Equipment</i>	:	<i>Slow speed mixer fitted with mixing paddle</i>
	:	<i>Clean empty drum (25 litre)</i>
	:	<i>Stainless steel trowel</i>
	:	<i>Tuckpointing tool</i>
	:	<i>Sponge</i>

Section B : Application

1.0 Preparation

- 1.1 All stone surfaces must be clean and free from oil, grease or loose materials.
- 1.2 Remove the spacers and debris in joints. All the dust and loose material shall be cleaned using a damp sponge.
- 1.3 Ensure that the joints are uniform and their widths do not exceed 20 mm to avoid slumping.



2.0 Mixing

- 2.1 To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.
- 2.2 5.0 to 5.5 litres of clean water for each 25 kg bag should be added to a clean container. The powder is then added slowly to the liquid while mixing continuously at low speed (400 - 600 rpm).
- 2.3 Mixing time should be continued for 3 minutes until a uniform consistency and free of lumps mixture is obtained.
- 2.4 Allow a slake time for 5 minutes, and then remix for additional 1 minute without adding any additional water.

3.0 Application

- 3.1 Using appropriate trowel or tuckpointing tool; fill with pressure the joints completely with Cemafill Stone.
- 3.2 **Immediately** remove the excess mortar by moving the edge of the trowel diagonally to the stone surface.
- 3.3 When the mortar starts to set (20 - 30 minutes at normal conditions) use a damped sponge to remove any excess mortar
- 3.4 Finish the joint by running a suitable curved tool over the joint prior to final set.

4.0 Cleaning

- 4.1 All tools should be cleaned **immediately** after use with fresh clean water. Hardened materials should be cleaned mechanically.

Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Cemafill Stone** It remains the responsibility of the Engineer to determine the correct method for any given application. Where alternative methods are to be used, these must be submitted to DCP for approval, in writing, prior to commencement of any work. DCP will not accept responsibility or liability for variations to the above method statement under any other condition.



expertise



quality



full range