

Cemfix TB Plus Method Statement (High thick-bed tile adhesive for thicknesses up to 20 mm)

Section A : General Comments

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>Mixing equipment</i>	:	<i>Slow speed mixer fitted with mixing paddle</i>
	:	<i>Clean empty drum (25 litre)</i>
	:	<i>Notch trowel</i>
	:	<i>Stainless steel trowel</i>

Section B : Application

1.0 Preparation

- 1.1 All surfaces must be clean, dry and free from dust, oil, grease, paints or any loose material.
- 1.2 Gypsum boards, plaster boards, anhydrite screeds or any highly absorbent cement based substrates must be sufficiently dry and free from dust. These substrates must be primed with Keybond 2000 diluted with water at a ratio of 1:2 by volume (1 part Keybond 2000 to 2 parts water).
- 1.3 Concrete and cement based substrates must be sufficiently cured and stable.
- 1.4 Do not place tiles over expansion and contraction joints. Joints should be filled with suitable flexible sealant.

2.0 Mixing

- 2.1 To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.
- 2.2 5.8 – 6.2 litre of clean water for each 20 kg bag should be added to a clean container.
- 2.3 The powder is then added slowly to the water while mixing continuously at low speed (400-600 rpm).
- 2.4 Mixing time should be continued for 3 minutes until a uniform consistency and free of lumps mixture is obtained.
- 2.5 Wait for 2 – 3 minutes, and then remix for additional 1 minute without adding any water.



3.0 Application

3.1 Thin bed method (for floor and wall applications):

3.1.1 Apply a thin layer of the adhesive onto the substrate using the flat edge of the trowel.

3.1.2 Comb the adhesive with a suitable notched trowel horizontally to achieve a thickness of up to 5 mm.

3.1.3 Place the tiles firmly over the applied area to ensure proper contact with the adhesive.

3.2 Thick bed method (for floor applications):

3.2.1 The mixed adhesive shall be spread evenly on the floor substrate by stainless steel trowel and tamped well in place at a thickness of 10 mm.

3.2.2 Additional 10 mm thick mortar shall be back-buttered onto the back surface of the tile to achieve a total thickness of 20 mm.

3.2.3 Place the tiles with firm pressure over the applied area to ensure proper contact with the adhesive.

Notes:

- Work in a manageable area that can be tiled within the open wet time of adhesive.
- Leave the tiled surfaces for 24 hours before grouting.

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 **Cemfix TB Plus**. 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.