

Thermofix GP Method Statement

(Cementitious adhesive base coat plaster for external wall insulating systems [ETICS/EIFS])

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>Mixing bucket</i>
	:	<i>Mechanical mixer with mixing paddle</i>
<i>Application equipment</i>	:	<i>Trowel and notch trowel</i>
	:	<i>Stainless steel float</i>

Section B : Application

1.0 Surface Preparation

- 1.1 Substrate shall be clean, dry, and free of any substance that may adversely affect the adhesion such as oil, paint, grease, bitumen, curing compound, and dust.
- 1.2 The substrate shall be stable and fully cured, all laitance or other low strength layers shall be removed by scrubbing or blasting with a water jet.
- 1.3 When applying Thermofix GP over highly absorbent substrates such as AAC blocks, it is recommended to apply a sealing primer prior to the application.

2.0 Priming

- 2.1 Thermofix GP can be applied directly on concrete, cement plaster, and masonry.
- 2.2 In case of very porous substrates or absorbent surfaces, such as gypsum-based materials, pre-apply a sealing primer.

2.0 Mixing

- 2.1 To ensure proper mixing, a mechanically powered mixer or drill fitted with a suitable paddle should be used.
- 2.2 6.5 - 7.0 litre of clean water for each 25 kg bag of Thermofix GP should be added to a clean container.
- 2.3 The powder is then added slowly to the liquid while mixing continuously at low speed (400 - 600 rpm).



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- 2.4 Mixing time should be continued for 3 minutes until a uniform consistency and free of lumps mixture is obtained.
- 2.5 Allow a slake time for 3 minutes, and then remix for an additional 1 minute without adding additional water.
- 2.6 Leave the mixture to stand for 4 - 5 minutes, mix again and Thermofix GP is ready for use.

3.0 Application

- 3.1 As an adhesive
 - 3.1.1 Apply the mortar in a strip, on the edges around the insulation board with a few spots at the center (3 – 4 points minimum).
 - 3.1.2 If the application is taken place on smooth substrates, a notched trowel can be used to spread the mortar on the back of the insulation board (back battering technique).
 - 3.1.3 Start fixing the insulation board from the bottom and moving to the top.
 - 3.1.4 Ensure that the insulation boards have been totally adhered to the substrate by tightly pressing them using a long float to press and stroke the board in place.

4.0 Cleaning

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

Section C : Approval and variations

This method statement is offered by DCP as a 'standard Proposal for the application of **Thermofix GP**. 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.



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