

Formcoat GSR Method Statement (Water based surface retarding gel for concrete)

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, goggles and face mask</i>
<i>Application equipment</i>	:	<i>Brush, roller, sponge or spray application</i>

Section B : Application

1.0 Surface Preparation

- 1.1 Formwork must be cleaned of surface deposits, rust, concrete deposits, oil or other materials.
- 1.2 Inadequate cleaning may lead to surface blemishes.
- 1.3 For Porous Formwork, such as new timber, coat with a suitable polyurethane sealer to protect the formwork.

2.0 Application

- 2.1 Mix well with before use by using a suitable mechanical mixer.
- 2.2 For Face Down Horizontal Finish and Vertical Application:
 - 2.2.1 Apply using brush, roller or airless spray application to shutters and/or moulds.
 - 2.2.2 Wait around 20 - 25 minutes after applying Formcoat GSR for it to dry, depending on the ambient temperature.
 - 2.2.3 Apply fresh concrete.
- 2.3 For Face Up Horizontal Finish:
 - 2.3.1 After final finishing of fresh concrete and while it is still wet, apply Formcoat GSR using an airless spray at a rate of 0.15 - 0.25 litre/m².

Note: Do not continue with the application of Formcoat GSR if the concrete surface is not free from water or shows evidence of bleeding.

- 2.4 After the concrete surface has reached final setting and the shutters or moulds have been removed, remove the Formcoat GSR by water washing from the concrete surface.



3.0 Storage

Store undercover in a dry area out of direct sunlight at a minimum ambient temperature of 5°C.

4.0 Fire

Formcoat GSR is nonflammable.

5.0 Caution

- 5.1 Formcoat GSR should not be swallowed or come in contact with skin and eyes and avoid inhalation of vapor and ensure adequate ventilation.
- 5.2 Suitable protective gloves and goggles should be worn.
- 5.3 In case of accidental skin contact occurs, rinse thoroughly with clean water and soap, and do not use solvent.
- 5.4 In case of accidental splashes to the eyes, rinse thoroughly with clean water and seek medical advice.
- 5.5 In case of swallowing:
 - 5.5.1 Seek medical attention **immediately**, and
 - 5.5.2 Do not induce vomiting.
- 5.6 Suitable protective gloves and goggles should be worn.

Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Formcoat GSR**. 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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