

Strongcoat HR130 Method Statement

Section A : General Comments

High-temperature working

Application temperature ranges from 10°C to 35°C. However, it is suggested that, for temperatures above 30°C, the following guidelines are adopted as good working practice:

- (i) Unmixed materials and equipment should be stored in a cool place and away from direct sunlight.
- (ii) Plan for enough material, tools, and labours to avoid any stoppage during the application process.
- (iii) Avoid application through peak temperatures of the day.
- (iv) Ensure proper and adequate ventilation.

Low-temperature working

It is suggested that, for temperatures below 5°C, the following guidelines are adopted as good working practice:

- (i) Unmixed materials should be stored in a warm.
- (ii) Do not apply under rain or snow, and avoid dew points conditions during application.
- (iii) Avoid applying the product if the temperature is around 5°C and falling.
- (iv) Avoid dew point conditions before and during product application.

Equipment

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

<i>Protective equipment</i>	:	<i>Gloves, goggles, face mask and protective overalls</i>
<i>Mixing equipment</i>	:	<i>Slow speed mixing drill, mixing vessel and mixing paddle</i>
<i>Application equipment</i>	:	<i>Lamb's wool roller and painting brush</i>

Section B : Application

1.0 Surface Preparation

1.1 For Concrete surfaces:

- 1.1.1 Surface should be sound and free from oil, grease, mold and fungus, and any loose materials.



expertise



quality



full range

1.2 For Steel surfaces:

1.2.1 Surface should be grit blasted to reach a bright finish meeting the SA21/2 standards.

1.2.2 Apply Strongcoat HR130 as soon as possible after blasting to avoid rust forming.

2.0 Mixing

2.1 Stir the individual components separately.

2.2 Add the content of the hardener container to the base container and mix using a slow-speed mixer or a slow-speed drill fitted with suitable paddles.

2.3 Continue mixing for 3 minutes or until a homogeneous mix is obtained.

3.0 Application

3.1 Apply two coats of **Strongcoat HR130** using a brush, roller, and can be spray applied.

3.2 The first coat should be applied uniformly onto the surface at 200 microns thickness.

3.3 The second coat should be applied similarly to the first coat between 8 and 20 hours @ 25°C after applying the first coat.

3.4 For exposed areas, it is recommended that **Strongcoat HR130** is covered by a polyurethane protective coating from the **Repcoat** range of products.

4.0 Cleaning

4.1 Tools and equipment should be cleaned immediately after application with DCP solvent. Hardened materials must be removed mechanically.

Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Strongcoat HR130**. 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.