

Cempatch SBR100 Method Statement

(Liquid polymer bonding agent for cement containing mixes)

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>Preparation equipment</i>	:	<i>Grit blasting</i>
	:	<i>Wire brush</i>
<i>Mixing equipment</i>	:	<i>Mechanical drill mixer with mixing paddle</i>
	:	<i>Mixing container</i>
<i>Application equipment</i>	:	<i>Stiff brush, wooden float, steel float or notched trowel</i>

Section B : Application

1.0 Surface preparation

- 1.1 The substrate should be sound, clean and free from contamination. Surface laitance should be removed by acid etching.
- 1.2 Exposed steel reinforcements should be grit blasted or wired brushed to a bright finish.
- 1.3 For patch repair, cut back the edges of the repair areas to a minimum of 10 mm depth to avoid thin repair thicknesses.
- 1.4 All surfaces should be presoaked with clean water prior to commencing the repair.

2.0 Mixing

- 2.1 For better dispersion, Cempatch SBR100 should be added and mixed with clean water prior to dry materials.
- 2.2 As a bonding agent, it is recommended to add 1 parts of Cempatch SBR100 for each 2 parts of OPC by volume.



expertise



quality



full range

- 2.3 As a bonding and waterproofing additive for site mixed adhesive mortar, it is recommended to use the proportions shown in the table below:

Component	Quantity by volume
Cement	3
Sand	6
Water	1-3
Cempatch SBR100	1

3.0 Application

- 3.1 As a bonding agent slurry:

3.1.1 Apply a thick coat to pre-soaked surfaces using a stiff brush.

3.1.2 Application of the subsequent render, mortar or screed should take place while the bond coat is still wet (tacky).

Notes:

- Do not apply on dry bond coats.
- If bond coat dries before subsequent application, roughen the dry coat before applying a further coat of Cempatch SBR100 slurry.

- 3.2 As a bonding and waterproofing additive for site mixed adhesive mortar

3.2.1 Apply workable site mixed cement/sand adhesive mortar prepared with Cempatch SBR100 based on best practices method of application for purpose required.

4.0 Cleaning

- 5.1 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 **Cempatch SBR100**. 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