Proposal

Repairs to the substrate where honeycombing is apparent over a large area, in any orientation.

1 Preparation

1.1 Using a marker pen, draw a line around the perimeter of the defective area.

1.2 Break out the marked area to a minimum depth of 10 mm and remove all segregated concrete. Continue breaking out until a sound homogeneous substrate has been reached.

1.3 Saw cut to a depth of 10 mm around the perimeter of the repair to avoid feather edges.

1.4 Wash the substrate with clean water to remove all dust deposits.

2 Reinforcement Priming

2.1 Any exposed reinforcement shall be prepared by mechanical wire brushing to remove any corrosion deposits.

2.2 Apply one full, unbroken coat of Nitoprime Zincrich to fully exposed steel reinforcement and allow to dry. If unsure about the continuity of the coating, apply a second coat and allow to dry.

3 Priming

3.1 Priming is only required in case of wet spraying.

3.2 Thoroughly soak the substrate with clean water.

3.3 Remove all surface water immediately prior to spraying.

4 Mixing

4.1 Renderoc SPXtra can be applied by either wet or dry spray application

4.2 For either technique, water addition shall not exceed 4 litres per 20 kg bag.

5 Application

5.1 For general guidelines on spraying, refer to Fosroc's Spray Application Guide.

5.2 Renderoc SPXtra can be applied at a minimum thickness of 10 mm to a maximum thickness of 200 mm in overhead or vertical sections.

5.3 Finish Renderoc SPXtra by striking off with a straight edge and close the surface using a steel or plastic float.

6 Curing

6.1 Immediately on completion of repair, cure Renderoc SPXtra by spray applying Rendercure.

In adverse conditions (e.g. windy conditions or ambient temperatures above 30°C) supplementary curing in the form of polythene sheeting, taped down at the edges, should be used.

Note

The above information is for application procedure guidelines only. All materials must be mixed and applied strictly in accordance with instructions given on the relevant technical data sheets.

Refer to Section for high temperature working.