

Repcoat S Method Statement

(Solvent based high performance aliphatic acrylate protective coating)

Section A : General Comments

High temperature working

It is suggested that, for temperatures above 40°C, the following guidelines are adopted as good working practice:

- (i) Store materials in a cool environment, avoiding exposure to direct sunlight.
- (ii) Keep equipment cool, arranging shade protection if necessary.
- (iii) Avoid application during peak temperatures of the day, arrange temporary shading if necessary.
- (iv) Insure the availability of sufficient material, plant and labour for a continuous application process.

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>Mixing equipment</i>	:	<i>Mixing stick</i>
<i>Application equipment</i>	:	<i>Brush, roller or airless spray</i>

Section B : Application

1.0 Surface Preparation

- 1.1 The concrete or cement based substrate must be fully cured, sound, dry, clean and free from dust or other contamination.
- 1.2 Surface laitance should be removed by light scabbling or grit blasting or any other suitable means.
- 1.3 All holes and deep cracks should be filled with suitable filler.
- 1.4 All traces of oil, grease, chemical contaminants and extraneous matter should be removed.
- 1.5 Any traces of mould or algae must be removed then treat the area with a suitable fungicide or bleach solution.

2.0 Priming

- 2.1 Repcoat S Primer is a ready to use material that requires thorough stirring with a mixing stick prior to application.
- 2.2 Apply evenly using a brush, textured roller or airless spray machine at a rate of 5 m²/litre.



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2.3 Repcoat S Primer should be left to cure for 5 hours at 25°C.

3.0 Mixing

3.1 Repcoat S does not require dilution when applied with roller or brush. For airless spray 5 - 10% dilution by weight is recommended.

3.2 Repcoat S is a ready to use material that requires thorough stirring with a mixing stick prior to application.

4.0 Application

4.1 Apply evenly using a roller, brush or airless spray at a rate of 6 m²/litre per coat to achieve a 70 microns dry film thickness.

4.2 A second coat should be applied at the same rate after waiting for at least 2 to 4 hours at 35°C and 4 to 6 hours at 25°C from the application of the first coat.

5.0 Cleaning

5.1 All tools used for Repcoat S Primer or Repcoat S must be cleaned **immediately** after application with **DCP Solvent**.

6.0 Storage

7.1 Store at a temperature between 10°C and 25°C in original unopened bags in a controlled dry, cool and shaded area protected from frost, moisture, high temperatures and direct sunlight.

7.0 Fire

8.1 Repcoat S Primer and Repcoat S are flammable.

8.0 Caution

8.1 Repcoat S/Repcoat S Primer/DCP Solvent should not be swallowed or come in contact with skin and eyes.

8.2 Suitable protective gloves and goggles should be worn.

8.3 In case of accidental skin contact occurs, rinse thoroughly with clean water and soap, and do not use solvent.

8.4 In case of accidental splashes to the eyes, rinse thoroughly with clean water for 10 minutes and seek medical advice.



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- 8.5 In case of swallowing:
- 8.5.1 Seek medical attention **immediately**, and
 - 8.5.2 Do not induce vomiting.

Section C : Approval and variations

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