

Bituproof 40S Method Statement (Water based rubberized bitumen coating)

Section A : General Comments

High temperature working

It is suggested that, for temperatures above 45°C, the following guidelines are adopted as good working practice:

- (i) Unmixed materials and equipments should be stored in 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.

Equipment

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

<i>Protective clothing</i>	:	<i>Protective overalls, thick gloves, goggles and face mask</i>
<i>Preparation equipment</i>	:	<i>Stiff wire brush, soft brush, air compressor</i>
<i>Application equipment</i>	:	<i>Brush, roller or squeegee</i>

Section B : Application

1.0 Surface Preparation

- 1.1 All surfaces to be waterproofed must be clean, sound, dry and free of all surface contaminations such as form release agents, curing compounds, laitance, dust, dirt, cavities, projecting nibs, etc. laitance should be removed from concrete by grit blasting or wire brushing.
- 1.2 Ensure the substrate surface is dry, smooth, and any surface imperfections repaired with a suitable cementitious repair mortar.
- 1.3 30 mm by 30 mm or "less" polymer modified sand/cement screed fillet should be applied at all right angle corners and any pipe/drain penetrations.

2.0 Application

- 2.1 Mix the material well before use using a low speed (300 rpm) mixer or electric drill.
- 2.2 Apply one coat of Bituproof 40S, using a brush, broom or squeegee at the rate of 3 - 5 liter/m².
- 2.3 While first coat is still wet, all right angle corners and pipes/drain penetrations shall be reinforced with 20 cm wide fiber glass mesh (60 g/m² or more) and allow to dry.



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- 2.4 Allow a minimum of 2 hours for the first coat of Bituproof 40S to dry before applying the second coat.
- 2.5 Apply the second coat of Bituproof 40S with brush, broom or squeegee at a right angle to the first coat at the rate of 3 - 5 liter/m².

Note: when used as a general purpose primer for bituminous membranes, apply Bituproof 40S in one coat at a rate of approximately 5 m²/litre.

3.0 Cleaning

- 3.1 Tools and equipment can be cleaned with water when still wet.
- 3.2 Dried Bituproof 40S may be removed with **DCP-Solvent**.

Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Bituproof 40S**. 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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