

Rep-Stone Method Statement

(Water repellent impregnation based on water borne silicone)

Section A : General Comments

High temperature working

It is recommended when working with **Rep-Stone** at temperatures above 35°C, that the following guidelines should be observed:

- (i) Store unmixed materials in a cool environment (preferably temperature-controlled), avoiding exposure to direct sunlight.
- (ii) Keep all equipment cool, arranging shade protection if necessary. It is especially important to keep cool those surfaces of the equipment, which will come into direct contact with the material itself.
- (iii) Try to avoid application during the hottest times of the day.
- (iv) Provide sufficient materials, plant, and labour available to ensure that application is a continuous process.

Equipment

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

Protective clothing	:	Protective overalls
	:	Good quality gloves, goggles and face mask
Preparation equipment	:	Stiff wire brush
	:	Light blasting equipment, water jet
Application equipment	:	Airless spray equipment OR
		Suitable brush OR
		Roller

Section B : Application

1.0 Surface Preparation

- 1.1 Clean the surface free of dust, dirt, loose particles, decayed matter, algal growth etc., by stiff wire brush and/or lightly grit blasting the surface.
- 1.2 Water jet is then used as a final step in substrate preparation.

Note: Do not use any acidic or alkali chemicals for the substrate preparation, if detergents are used for cleaning, it is necessary to totally rinse the entire surfaces with clean water before the application of **Rep-Stone**.



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2.0 Application

- 2.1 Spray **Rep-Stone** to the prepared substrate using a suitable airless spray machine, or apply the product using a soft brush or suitable roller to completely cover the surface.
- 2.2 Two consecutive layers (wet-on-wet technique) of **Rep-Stone** should be applied at a rate of 0.1 - 0.4 litre/ m² (depending on substrate porosity) to provide optimum protection against moisture ingress.

Notes:

- **Rep-Stone** should not be applied when rain is forecasted within 24 hours. Wait at least 8 hours after rain or water cleaning.
- Be sure that impregnated surfaces by **Rep-Stone** are not exposed to water and rain for at least 5 hours after application.
- **Rep-Stone** should not be applied on glass, wood, plastic, aluminium, and metals. Rinse immediately with water in case of accidental exposure.
- Do not use detergents for cleaning impregnated surfaces by **Rep-Stone**, washing occurs only with water

3.0 Cleaning

- 3.1 Clean the tools and equipment **immediately** with the white spirit after use when wet.
- 3.2 Do not use detergents for cleaning impregnated surfaces by **Rep-Stone**, washing occurs only by water.

Section C : Approval and variations

This method statement is offered by DCP as a 'standard proposal' for the application of **Rep-Stone**. 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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