

## Monoseal WB Method Statement (Concrete sealer and curing compound)

### 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>Application equipment</i>	:	<i>Brush, roller, or low pressure spray machine</i>

### Section B : Application

#### 1.0 Surface Preparation

- 1.1 Old concrete: The substrate must be clean, dry, even, dense and free from oil, grease, dust and other contaminants. A clean surface will ensure maximum adhesion between the substrate and the sealer.
- 1.2 Unsound layers and contaminated concrete surfaces must be prepared using mechanical surface removing equipment.
- 1.3 Acid etching can be used only in well ventilated areas. Areas deeply contaminated by oil or grease, such areas should be treated by hot compressed air.
- 1.4 Any traces of mould or algae must be removed and the area treated with a suitable and fungicide or bleach solution.

#### 2.0 Application

- 2.1 Apply by use of a low pressure spray to the prepared surfaces (old concrete) or to new concrete, brush and roller can be used for small areas.
- 2.2 Apply Monoseal WB at 7 m<sup>2</sup>/kg per coat.
- 2.3 The second coat should be applied at a right angle to the first coat after waiting for at least 30 minutes to 3 hours at 20°C from the application of the first coat.
- 2.4 If the over coating time is exceeded the first coat must be abraded with sand paper prior to the application of the second coat.
- 2.5 Adequate ventilation must be provided to ensure that necessary drying of the material is achieved.



expertise



quality



full range

*Notes:*

- *Monoseal WB should not be applied onto surfaces known to suffer from damp rising or relative humidity greater than 80% (maximum moisture content of 4%).*
- *Monoseal WB should not be applied at temperatures below 10°C.*
- *Do not apply if rain is expected within 8 hours.*

**For use as a sealer for Epoxy Terrazzo Flooring**

- The finished terrazzo floor may have a dull, dusty appearance when dry, but will improve with additional cleaning and washing.
- Sealing will enhance the appearance as well as the chemical and physical properties of Epoxy Terrazzo. The seal coat will also improve the ease of cleaning.
- Use Monoseal WB-Glossy, to achieve a glossy Epoxy Terrazzo finish.
- Apply using brush, lamb's wool roller or low pressure spray.
- Apply 2 coats of Monoseal WB-Glossy onto the Epoxy Terrazzo floor at a rate of 15 - 25 m<sup>2</sup>/litre per coat.
- Allow to cure for 24 hours at 20°C prior to foot traffic

**3.0 Cleaning**

- 3.1 All tools must be cleaned **immediately** after application with fresh water.

**4.0 Storage**

- 4.1 Store at a temperature between 5°C and 35°C in original unopened bags in a controlled dry, cool and shaded area protected from frost, moisture, high temperatures and direct sunlight.

**5.0 Fire**

- 5.1 Monoseal WB is nonflammable.

**6.0 Caution**

- 6.1 Monoseal WB should not be swallowed or come in contact with skin and eyes.
- 6.2 Suitable protective gloves and goggles should be worn.
- 6.3 In case of accidental skin contact occurs, rinse thoroughly with clean water and soap, and do not use solvent.
- 6.4 In case of accidental splashes to the eyes, rinse thoroughly with clean water for 10 minutes and seek medical advice.
- 6.5 Do not use solvent to clean Monoseal from skin.



- 6.6 In case of swallowing:
  - 6.6.1 Seek medical attention **immediately**, and
  - 6.6.2 Do not induce vomiting.

### Section C : Approval and variations

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