

THIS METHOD STATEMENT COVERS THE PREPARATION AND APPLICATION OF **MasterProtect 8500CI**, A SILANE SILOXANE PENETRATIVE TREATMENT FOR CONCRETE AND MASONRY

METHOD STATEMENT: MasterProtect 8500CI

1. PREPARATION:

- 1.1. The concrete surface to be treated must be clean and sound, free of laitance, oil, grease coatings, residual mould release or curing compounds or any other contaminant that would reduce the penetration of **MasterProtect 8500CI**.
- 1.2. Curing should have been completed.
- 1.3. The concrete should be a minimum of 28 days old.
- 1.4. Surface preparation should be by means of light sweep blasting, high pressure water jetting or mechanical wire brushing.
- 1.5. Areas of weak, friable or damaged concrete should be repaired before application of **MasterProtect 8500CI**.
- 1.6. Surfaces should be dry.

2. APPLICATION:

- 2.1. Drums should be shaken or stirred before use.
- 2.2. Apply using a low pressure knapsack/ horticultural type sprayer or similar.
- 2.3. On vertical surfaces, start at the bottom and work upwards.
- 2.4. Apply in a continuous spray until a run-down of approximately 30 cm is achieved.
- 2.5. If the **MasterProtect 8500CI** treated concrete is to be overcoated, apply two coats only at 200-300 ml/m². Usage between these values is dependent on porosity.
- 2.6. Where concrete will be left exposed, apply two or three coats at a rate of 200-300 ml/m² each. Apply minimum 600 ml/m² in total.
- 2.7. When applying multiple coats, all subsequent coats should be applied once the first application coat shows a dry surface.
- 2.8. Avoid application on concrete that is in direct sunlight.

3. CURING:

- 3.1. When overcoating with a surface coating, allow a minimum of 24 hours to elapse from completion of the **MasterProtect 8500CI** application.
- 3.2. There is no maximum overcoating time, but any dust should first be washed off or otherwise removed.

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