

THIS METHOD STATEMENT COVERS THE MIXING & APPLICATION OF **MasterTop BC 1215**.

METHOD STATEMENT: MasterTop BC 1215 (1-5 mm)

1. SUBSTRATE PREPARATION:

- 1.1. The preferred methods of substrate preparation are captive blasting, mechanical scarifying (using Bartel, Erut, Von Arx or similar machines) or grinding. Acid etching is not recommended.
- 1.2. Remove all dust and debris from the prepared surface.
- 1.3. Close the prepared areas to vehicular and pedestrian traffic.
- 1.4. The **MasterTop BC 1215** should not be applied onto any floor substrate where moisture content exceeds 5% moisture content when checked with a **Tramex** or similar electronic surface moisture meter.

2. PRIMING:

- 2.1. Priming is NOT normally required for this product unless the concrete surface is extremely porous.

3. MIXING:

- 3.1. **MasterTop BC 1215** can be mixed using a heavy-duty slow speed (300 rpm) hand-held mixer fitted with a **Collomix KR** type mixing paddle or similar.
- 3.2. Pour the total contents of the Part B resin component into the Part A container and mix until a uniform streak free colour is obtained – 1-minute max.
- 3.3. Immediately pour the mixed resins into a suitably sized clean container (20 L bucket).
- 3.4. With the mixer running, pour the total contents of the bag of aggregate steadily into the container, and mix for a further 2 to 3 minutes until all the aggregates are fully wetted out.

4. APPLICATION: MasterTop BC 1215 (1-5 mm)

- 4.1. Spread the mixed **MasterTop BC 1215** onto the prepared concrete floor using a pin rake or notched trowel and then flatten out using a steel trowel to the required thickness and level.
- 4.2. Lightly roll with a spiked roller to remove any air bubbles and aid with the self-smoothing of the material

A 31.2 kg unit of **MasterTop BC 1215** yields 15.6 L

This equates to 2 kg / mm / m².

5. CURING:

- 5.1. No curing is needed or should be considered, simply keep the surfaces free of all traffic until the material has hardened (typically overnight).

6. SUBSEQUENT APPLICATION OF A FLOORING SYSTEM

- 6.1. Once cured the surface can be ground down if necessary, to ensure the finished levels are within the required tolerances.
- 6.2. The repaired surfaces should then be overcoated with the appropriate epoxy / polyurethane floor coating system within 48 hours of placement of the **MasterTop BC 1215** ensuring ALL site conditions etc. are met as detailed in the relevant data sheets and method statements.
- 6.3. If the overcoat period is missed due to delays on site etc. it will be necessary to lightly sand / regrind the surface and then solvent wipe **BEFORE** commencing with the application of the final flooring system.

7. Health and Safety – Ventilation

7.1. BS 8204 – 6: 2001 – Item 10

Certain synthetic resin flooring components may be classified as hazardous under health and safety legislation. Before starting any operations, the manufacturers **Materials Safety Data Sheets** should be studied for all the flooring products to be applied, including resin components, primers, cleaning solvents and all recommendations therein followed. An appropriate risk assessment should be made for the flooring installers and others likely to be affected in adjacent areas.

- 7.2. Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of confined space filter mask to be used. If these are not sufficient to maintain concentrations of particulate and solvent vapor below the OEL (=Occupational Exposure Limit) suitable respiratory protection must be worn.

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