

THIS METHOD STATEMENT COVERS THE MIXING & APPLICATION OF **MasterTop BC 1235**.

METHOD STATEMENT: MasterTop BC 1235 (3-10 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 coarse surface grinding.

Acid etching is not recommended.

- 1.2. Light contaminations of oil, grease, fats or similar should be removed before starting other forms of preparation using suitable degreasing solutions, etc.
- 1.3. If the substrate has been damaged by physical or chemical attack, it should be cut back until sound dense uncontaminated concrete is exposed. Repair can be carried out using **MasterTop BC 1235**. If the repairs are deeper than 10mm use **MasterTop BC 1245**.
- 1.4. Remove all dust and debris from the prepared surface.
- 1.5. Close the prepared areas to vehicular and pedestrian traffic.
- 1.6. Set levelling pads or install levelling screws if required, to achieve a level surface, and allow to set.
- 1.7. Select flat steel strip of a suitable thickness for use as screed battens, if they are to be used.

2. PRIMING:

- 2.1. Priming is not normally required.

Note: Before application begins, ensure there is sufficient material available on site to complete the intended area.

Ensure the mixing equipment is working and that a backup mixer is available in case of a breakdown.

3. MIXING:

- 3.1. Forced action mixers such as mixal, creteangle, or similar are preferred, but **MasterTop BC 1235** can be mixed using a handheld heavy-duty double head mixer (**Collomix Xo Duo**) fitted with helical mixing paddles.
- 3.2. Pour the total contents of the Part A and Part B resin components into the large clean mixing vessel (20 L), then mix until a uniform streak free colour is obtained – no more than 1 minute.
- 3.3. With the mixer running, pour the total contents of the bag of aggregate steadily into the mixer, and mix for a further 3 to 4 minutes until all the aggregates are wetted out.

4. APPLICATION:

- 4.1. Spread the mixed **MasterTop BC 1235** between the previously placed screed battens and strike off to level.
- 4.2. Compact the placed material using a wood or plastic float.
- 4.3. Close the surface using a steel float. Overworking with the steel float can result in burnish marks.
- 4.4. Regularly clean the face of the steel float, using a cloth dampened with MEK / Xylene / Acetone whilst trowelling the surface of the **MasterTop BC 1235** to prevent sticking / dragging the surface.

A 32.2 kg unit of **MasterTop BC 1235** yields 16.1 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 1235** 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. WATCHPOINTS:

- 7.1. Do not apply **MasterTop BC 1235** when the substrate is less than 10°C, when the ambient temperature is within 3°C of the dew point or will fall below 10°C during application or curing, unless heating equipment is available to raise the ambient temperature.
- 7.2. Never mix more material than can be laid within the open time of the product.
- 7.3. Do not attempt to remix material once it starts to stiffen, discard the material and mix a fresh unit.

8. Health and Safety – Ventilation

8.1. 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.

8.2. 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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