

THIS METHOD STATEMENT COVERS SURFACE PREPARATION, MIXING & APPLICATION OF **MasterTile 30**.

## **METHOD STATEMENT: MasterTile 30 Grey and White**

### **1. SURFACE PREPARATION:**

- 1.1. Surfaces to be tiled, must be sound, clean and able to bear weight, dimensionally stable, clean and free from laitance, paint, oil, grease, mould release agent and residual curing compound.
- 1.2. The substrate must be plumb and flush in accordance with BS 5385.
- 1.3. Very absorbent cement based substrates and aerated blocks should be primed with **MasterTile P 302**.
- 1.4. Refer to **Master Builder Solutions** Technical department if there is any uncertainty as to the type of preparation needed or any other related problems such as cracks in the substrate.
- 1.5. Gypsum plaster boards and surfaces should be primed with **MasterTile P 302**.
- 1.6. It should be ensured that tiles are dry and free of contaminants that could impair adhesion.

### **2. MIXING:**

- 2.1. Place **approx. 4 L (per 20 kg bag)** gauging water in a clean mixing vessel. Mix to a uniform lump free consistency and allow to stand for 5 minutes before use.
- 2.2. NOTE: In critical situations, **MasterTile A 200** can be substituted for the mixing water.
- 2.3. Full bag volumes shall be mixed in a forced action mixer. Part bags shall only be mixed using a slow speed drill and mixing paddle.
- 2.4. The use of chilled mixing water will extend open wet time in high ambient temperatures.

### **3. APPLICATION INSTRUCTIONS:**

- 3.1. Apply **MasterTile 30** to the substrate to a uniform thickness of 3mm - 6mm or sufficient to cover the studs or keys on the tile back; (on a working area of not more than 1m<sup>2</sup>).
- 3.2. The solid bed fixing method shall be used for wet conditions and for ceramic, quarry, terrazzo and marble flooring tiles, and vertical heavy-duty applications including decorative stone cladding.
- 3.3. If preferred the **MasterTile 30** can additionally be buttered on the backs of the tiles to ensure full adhesive contact.
- 3.4. For all other vertical application, the adhesive bed shall be combed horizontally with a notched trowel to remove excess adhesive. The trowel shall be suitably notched to give the required bed thickness.

10mm Notch	6.3 kg/m <sup>2</sup> (3.17 m <sup>2</sup> /bag)
8mm Notch	5.4 kg/m <sup>2</sup> (3.7 m <sup>2</sup> /bag)
6mm Notch	3.6 kg/m <sup>2</sup> (5.55 m <sup>2</sup> /bag)
4mm Notch	2.7 kg/m <sup>2</sup> (7.4 m <sup>2</sup> /bag)

Above figures are to be used as a guide only and do NOT take into account surface undulation or material wastage.

- 3.5. Tiles should be dry and fixed by pressing into place with slight twisting motion, ensuring the back of the tile achieves full contact with the adhesive.
- 3.6. A minimum of gap of 2mm, or as specified shall be left between tiles. Adjustments to tiles should only be made during the adhesives open wet time.
- 3.7. Remove excess adhesive from the face of the tile with a damp sponge or cloth before it sets.
- 3.8. Joints shall be raked out in readiness for grouting whilst the adhesive is still of a plastic consistency.
- 3.9. A minimum of 24 hours shall elapse before grouting.
- 3.10. Movement joints shall be provided in accordance with the specification or, if not included, to published local standards or BS 5385.

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#### NOTE

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