

THIS METHOD STATEMENT COVERS SURFACE PREPARATION, MIXING & APPLICATION OF **MasterTile 4**, CEMENTITIOUS TILE ADHESIVE WITH POLYMER ADDITIVE FOR CERAMIC TILES.

METHOD STATEMENT: MasterTile 4 Grey and White

1. SURFACE PREPARATION:

- 1.1. The substrate must be sound, dimensionally stable and able to bear weight, clean and free from laitance, paint oil, grease, mould release agents and residual curing compound.
- 1.2. Very absorbent, Porous cement-based substrates, plasterboards, boards, calcium silicate boards, aerated concrete and aerated blocks should be primed with **MasterTile P 302**.
- 1.3. Gypsum plaster boards and surfaces, must be primed with **MasterTile P 302**.
- 1.4. When tiling over existing tiles i.e. tile on tile prime existing tiles with **MasterTile P 303**.
- 1.5. The substrate must be plumb and flush in accordance with BS 5385.
- 1.6. 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.

2. MIXING:

- 2.1. Place **approx. 3.6 to 4 L** of clean potable water per **20 kg bag** of **MasterTile 4** dependent on the consistency required. Add the required amount of cool clean gauging water into a clean mixing vessel. Add the **MasterTile 4** and mix to a uniform lump free consistency, allow to stand for 5 minutes before use.
- 2.2. 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. Hand mixing should only be attempted in small quantities; the powder / water ratio strictly maintained.
- 2.3. The use of chilled mixing water will extend open wet time in high ambient temperatures.

3. APPLICATION INSTRUCTIONS:

- 3.1. Apply **MasterTile 4** 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 1m²).
- 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. The **MasterTile 4** should additionally be buttered on the backs of the tiles if necessary, 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. The trowel shall be suitably notched to give the required bed thickness.
- 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.

NOTE: Movement joints shall be provided in accordance with the specification or, if not included, to published local standards or BS 5385.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.
