

THIS METHOD STATEMENT IS FOR A SINGLE COMPONENT LATEX POLYMER MODIFIED TILE ADHESIVE FOR ALL WALL AND FLOOR CERAMIC TILES, PORCELAIN MOSAIC AND FULLY VITRIFIED TILES.

METHOD STATEMENT: MasterTile 434 Grey and White

1. SUBSTRATE:

- 1.1. The substrate must be sound, clean and able to bear weight, bond-inhibiting materials and other residues must be thoroughly removed.
- 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 Builders 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. APPLICATION PROCEDURE:

2.1. Mixing of bedding mortar

- 2.1.1. Place **approx. 5.4-5.6 L (per 20 kg bag)** gauging water in a clean mixing vessel. Add powder and mix the mortar with a suitable paddle attached to an electric drill until a plastic, lump-free consistency is achieved.
- 2.1.2. **MasterTile 434** can be part batched by the following ratios, **0.27-0.28 L** gauging water per 1 kg **MasterTile 434** powder.
- 2.1.3. Allow a slake time of approx. 3 minutes for **MasterTile 434**, and then remix briefly.

2.2. Tiling Application Procedure

- 2.2.1. Apply a thin scratch coat to the substrate with the smooth edge of the trowel.
- 2.2.2. Comb the **MasterTile 434 mortar** onto the fresh scratch coat with a notched trowel. Apply the adhesive bed in one direction, if possible.
- 2.2.3. Apply only as much adhesive as can be covered with tiles during the open time. Check the open time by touching the adhesive with your finger tip.
- 2.2.4. Place tiles in the adhesive bed and adjust to correct position.
- 2.3. When laying larger format single tiles in areas subject to frequent or constant contact with water use **MasterTile 434** in the combined method buttering-floating, applying the adhesive to the tile and to the substrate to provide void free bedding.
- 2.4. 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.
- 2.5. When tiling on walls and to stop the tiles slipping under the weight of the tiles install a support bar at the base of the wall to support the first row of tiles.

- 2.6. 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.
- 2.7. Remove excess adhesive from the face of the tile with a damp sponge or cloth before it sets.
- 2.8. Joints shall be raked out in readiness for grouting whilst the adhesive is still of a plastic consistency.
- 2.9. A minimum of 24 hours shall elapse before grouting.
- 2.10. 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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