

MCC 530 PLUS BOND ADHESIVE

Purpose

MULTI TILE ADHESIVE 530 PLUS-BOND is already mixed high strength cement based Tile adhesive for the fixing of wall and floor tiles onto substrates of rendering and screed.

* Ideal for the fixing of porcelain, granite, vitrified tiles and other nonporous tiles.

Mixing Instructions

* Empty contents into a suitable container and slowly add 5 liters of cold water.

* Mix to a creamy consistency.

* DO NOT ADD MORE WATER.

* Use within 4 hours.

Surface Preparation

(In accordance with the SABS 0107 Code of practice for the design and installation of Ceramic Tiles)

* Ensure that surfaces to be tiled are clean and free of dust, release agent, fungi, or any surface dampness. Fungi must be removed and the spores killed with the use of an effective fungicide. (A dilution of ordinary household bleach is suitable)

* New walls and floors must be allowed to cure for minimum periods as tabled below to ensure that movement due to shrinkage does not affect the tiling.

* Direct bedding onto new brick walls and concrete surfaces at least 6 weeks. New plaster at least 2 weeks.

* New screeds at least 4 weeks.

* For tiling onto very smooth surfaces such as steel trowelled, and off-shutter concrete: the surface must be acid washed to remove the laitance, and then rinsed thoroughly with cold water. The surface must then be primed with a mixture consisting of Multi Tile Base coat mixed with Multi tile primer 560 and allowed to dry prior to tiling.

* Painted surfaces, gypsum plasters and surfaces that have old bitumen adhesive on them, must be chipped in order to expose at least 80% of the substrate. The surface must then be primed with Multi Tile Base coat mixed with Multi Tile Primer 560 and allowed to dry prior to tiling.

Grouting

* Allow at least 24 hours before grouting can commence.

* Ensure that all adhesive is removed from the joints.

* Grout with MULTI TILE GROUT 550. (Available in various colors)

Technical Data

Non-hazardous :	Non flammable, freeze and thaw resistant.
Initial setting time:	±6 hours at 25° C and 50% humidity
Final setting time:	±24 hours at 25° C and 50% humidity

Correction time:	±24 hours at 25° C and 50% humidity
Open time:	±35 minutes at 25° C and 50% humidity
Pot life:	±25 minutes at 25° C and 50% humidity
Temperature:	±3 hours at 25° C and 50% humidity. Resistant up to 100° C
Storage:	Store dry
Shelf life:	9 months in dry moderate conditions
Coverage:	±4m ² using 10mm notched trowel

Pre-cautions:

* Ensure that the above instructions are adhered to all times and do not adulterate the product in any way as this could cause failure.

* Rubber gloves should be used when working with Multi Tile Adhesive 530 Plus-Bond. Rinse skin underwater in the event of contact. Consult a doctor should skin irritation persist.

* Keep Multi Tile Adhesive 530 Plus-Bond away from children and pets.

* Do not ingest and do not empty contents down drains.

Application

Floor Tiling

Using a Floor Trowel (Notches 10mm x 10mm at 6 mm intervals) spread only enough adhesive so that the area can be tiled within 15 minutes. The above notched trowel will spread enough adhesive to apply the recommended minimum adhesive bed for floor tiling which is 5mm. As a guideline 1 x 20kg bag will cover approximately 4 square meters.

Wall Tiling

Using a Wall Trowel (Notches 6mm x 6mm at 6mm intervals) spread only enough adhesive so that the area can be tiled within 15 minutes. The above notched trowel will spread enough adhesive to apply the recommended minimum adhesive bed for wall tiling which is 3mm. As a guideline 1 x 20kg bag will cover approximately 6 square meters.

General application information

DO NOT BUTT JOINT TILES.

* Minimum grouting joints for wall tiling is 2mm and to floors 3mm unless otherwise specified by the tile manufacturer.

Please see tile manufacturers packaging for instructions.

* Bed tiles into wet adhesive with a twisting action in order to ensure dequate contact with the back of the tile. The use of a RUBBER MALLETwill be required when bedding tiles.

* Remove all adhesive from the grouting joints as the application progresses.



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- * Tiles with very uneven backs will require buttering with adhesive prior to bedding into wet adhesive.
- * It is very important to allow for differential movement in all tiling applications so the inclusion of Tile Panel Movement joints,
- * Structural Movement joints and Perimeter Movement joints is essential.