

MULTI TILE ADHESIVE 520 FAST SET

Rapid Setting High Strength Cementitious Tile Adhesive

Description

MULTI TILE ADHESIVE 520 Fast Set is a pre-mixed precise blend of hydraulic cements, shrinkage compensating chemicals and fillers. The product can be applied at varying thicknesses. It is designed for use in interior and exterior conditions and has a full 1 ½ hour pot life and final set within 5 hours.

Typical Applications

MULTI TILE ADHESIVE 520 Fast Set is ideally used to bed mosaics, porcelain and ceramic tiles.

Advantages

- * Pre-blended and easy to apply
- * High early strengths
- * Light traffic and grouting within ± 3 to 4 hours
- * Full set is achieved within 5 hours
- * Low shrinkage
- * Recommended for use in high traffic areas
- * Minimum delays to traffic and production

Surface Preparation

- * All surfaces to be tiled must be sound, free of laitance and dust.
- * All paint, mould, oil, grease, polish, organic growth and any other contaminants must be removed prior to tiling.
- * Organic growth must be killed and removed with an effective fungicide.
- * Paint in poor condition or on an exterior face, enamel paints and bitumen surfaces must be removed completely using a solvent based paint remover. All painted surfaces should be scabbled or chipped to expose a minimum area of 80% of the original background.
- * Gypsum surfaces should be treated similarly to those of painted surfaces.
- * When fixing new tiles to an existing tiled surface ensure the tiling is sound, clean and free of grease, grime, etc. before fixing new tiles.
- * Ensure that the old tiles adhere firmly to the original adhesive and that the bedding is sufficiently strong to support the added weight. Remove all loose tiles and replace with new adhesive.
- * Dense, smooth, off shutter and power floated concrete surfaces should be acid etched to obtain a sound keying mechanism. Rinse surface thoroughly with clean water after etching.

Note:

When experiencing problem surfaces as described above, these areas must be primed with our MULTI TILE PRIMER 560 Keying Agent before proceeding with the tiling application.

Mixing Instructions

MULTI TILE ADHESIVE 520 Fast Set should be mixed with potable water at a ratio of 20kg adhesive: 4 litres water to achieve a lump-free creamy consistency. Apply product immediately after mixing. Do not add water to re-temper the mix.

Modified Mixing Instructions

- * Where flexibility in the adhesive is required, it is recommended that our MULTI TILE BOND 555 bonding agent be incorporated into the mixture. This will also enhance the density and improve the water tightness of the adhesive.
- * Mix 1 part MULTI TILE BOND 555 : 3 parts water as the mixing liquid. This procedure is also recommended for, i.e. vitrified tiles.

Application

- * Using a notched trowel, spread the adhesive to a minimum bedded thickness of: Walls: 3mm; Floors: 6mm
- * All heavily lugged, grooved or dovetailed tiles must be buttered with adhesive prior to placing into wet adhesive. Using a twisting action place the tiles firmly into the wet adhesive.
- * For large or heavy tiles use a rubber mallet to firmly bed the tiles into the wet adhesive.
- * To ensure that full contact between the tile and adhesive takes place, occasionally lift a tile and inspect surface contact.
- * Do not allow adhesive to form a surface skin before tiles are bedded.
- * Before drying occurs, all excess adhesive must be removed from joints and tiled surfaces.
- * Allow minimum width grouting joints of: Wall tiling: 2mm, Floor tiling: 3mm
- * Extruded, punched and split tiles: 6mm to 10mm grouting joints.
- * Never butt joint tiles.
- * Grouting must take place 3 to 4 hours of tiling application.

Movement Joints

Structural, tile panel and perimeter joints that extend through the tiling and its bedding should be incorporated in the installation to counteract stresses caused by these joints. Joints should be provided for at:

- * 3 metre centers externally
- * 5 metre centers internally
- * Around perimeter of all floors
- * Around obstructions through the tiling panel

Coverage

MULTI TILE ADHESIVE 520 Fast Set will cover ± 4m² using a 10mm notched floor trowel and ± 8m² using a 6mm notched wall trowel per 20 kg of mixed adhesive

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Watchpoints

- * Wear protective gloves and in case of eye contact, wash well with clean water and obtain medical assistance if discomfort persists
- * Do not ingest
- * Do not discharge into drains
- * Keep away from children
- * Clean all equipment immediately after use with potable water

Packaging

MULTI TILE ADHESIVE 520 Fast Set is supplied in 20kg paper bags.

Guarantee

MCC LIMPOPO products are guaranteed when used in accordance with correct product application and instruction procedures.

Quality Assurance

MCC LIMPOPO's production and testing programmes comply with local and international testing standards.