

DATA SHEET / TILE ADHESIVE WALL & FLOOR

GENERAL DESCRIPTION

Tile Adhesive wall & floor is a pre-mixed blend of hydraulic cements, shrinkage compensating chemicals and fillers. The product can be applied at varying thicknesses.

TYPICAL APPLICATIONS

Ideally used to bed ceramic tiles in interior and exterior conditions.

DIRECTIONS

All surfaces to be tiled must be sound, free of laitance and dust. All paint, mould, 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 a 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 first be coated with TILE KEY-IT. Dense, smooth, off shutter and power floated concrete surfaces should be keyed with TILE KEY-IT / cement slurry.

Tile Adhesive wall & floor should be mixed with potable water at a ratio of 20kg adhesive to 4 litres water to achieve a lump-free, creamy consistency. Leave to thicken for approximately 10 minutes and re-mix before application. DO NOT ADD WATER to re-temper the mix once it has hardened. When added flexibility in the adhesive is required, it is recommended that our TILE BOND bonding agent be incorporated into the mixture. This will also enhance the density and improve the water tightness of the adhesive. Mix 1 part TILE BOND to 3 parts water as the mixing liquid. This procedure is also recommended for vitrified or porcelain tiles. Using a notched trowel, spread the adhesive to a depth for walls 6mm and for floors 10mm. 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 for wall tiling 2mm and for floor tiling 3mm. Extruded, punched or split tiles 6mm – 10mm. Never butt joint tiles! Grouting must take place 24 hours or more after tiling.

WATCH POINTS:

Structural, tile panel and perimeter joints must extend through the tiling and its bedding and should be incorporated into the installation to counteract stresses caused by these joints. Such movement joints should be provided for at 3 meter centres externally, 5 meter centres internally, around perimeter of all floors and around obstructions through the tiling panel.

Clean all equipment immediately after use with potable water.

TECHNICAL DETAILS:

Colour	Cement grey
Open Time	± 30 minutes at 23°C
Pot Life	± 2½ hours at 23°C
Application °C	+ 10°C to 35°C
Operating °C	0°C to 100°C
Coverage	6mm notched trowel: 8m ² ;10mm notched trowel: 4m ²
Correction Time	± 15 minutes at 23°C
Grouting	After 24 hours
Storage Life	6 months when stored in dry conditions
Packaging	20kg Moisture resistant paper bags