

DATA SHEET / PORCELAIN FIX TILE ADHESIVE

GENERAL DESCRIPTION

Porcelain Fix Tile Adhesive is a multi-purpose, rapid hardening, grey, cement based adhesive, suited for use in interior and exterior conditions, walls and floors, thin and medium bed applications. This adhesive has been specifically formulated to be used for the fixing of porcelain, ceramic, stone, brick and clay tiles to cement render, screeds, concrete and primed fiber cement surfaces.

KEY FEATURES

1. High bond strength: Strong adhesion to porcelain and other tile types
2. Improved flexibility: Accommodates substrate movement and vibration
3. Water resistance: Suitable for wet areas and outdoor applications
4. Easy application: Smooth, consistent mix for effortless troweling

PRODUCT INFORMATION

Chemical Base Cement, selected fillers and aggregates, modified polymer additives

Packaging 20 kg bags

Appearance Grey Powder

Shelf Life 6 months from date of production

Storage Store in dry conditions, on pallets

APPLICATION

The backs of all tiles must be clean and free from all traces of dust and contaminants which could impair adhesion. Apply the adhesive to the surface using a notched floor or wall trowel. Ensure to spread enough adhesive for a minimum bed thickness of 3 mm for wall tiling and 6 mm for floor tiling. Large format, heavily lugged, grooved or dovetailed tiles must be back buttered to fill any voids with adhesive before placing into the wet adhesive bed. This will ensure a solid bed of adhesive behind each tile. Do not spread more adhesive than can be tiled onto in 10 to 15 min, depending on atmospheric conditions. This will normally not be more than 1m².

This is to ensure that the adhesive does not dry or skin before tiles are applied. Press tiles firmly into the wet adhesive with a twisting action. Use a rubber mallet to bed large or heavy tiles. Occasionally lift a tile to check that full contact is being made between the tile and the adhesive bed. Remove excess adhesive from joints and tiled surface before drying has occurred. Minimum grouting joints for walls is 2mm and for floors 3mm or as recommended by the tile manufacturer. Do not butt joint tiles.

SAFETY PRECAUTIONS

- 1. Personal protective equipment: Recommendations for PPE, such as gloves and goggles*
- 2. Handling and disposal: Guidelines for safe handling and disposal of the product*

TECHNICAL INFORMATION

Initial Setting Time $\pm$ 6 — 8 hours at 25°C and 50 % humidity

Final Setting Time $\pm$ 12 hours at 25°C and 50 % humidity

Open Time $\pm$ 20 — 25 minutes at 25°C and 50 % humidity

Pot Life $\pm$ 1.5 — 2 hours at 25°C and 50 % humidity

Temperature Resistance Up to 90°C Mix Ratio 20kg / 5L of water or Bond-It

VOC Content < 20 g/liter of product

Application thickness 3 — 20 mm Consumption 4 — 10 kg/m²