

PACKAGING



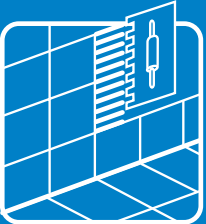
MIXING



APPLICATION



USES



SUBSTRATES

NEW CONCRETE
BRICK, BLOCK
CEMENT RENDER
BUILDING BOARDS
EXISTING TILES
HEATED SLABS
CEMENT SHEET
FIXED TO TIMBER
FLOORS

DESCRIPTION

A flexible rubber based, fast setting, cementitious adhesive for bonding ceramic and stone tiles to porous and non-porous surfaces subject to vibration and thermal movement.

FEATURES

- Meets the requirements of AS4992
- Suitable for shower floors
- Ideal for new concrete floors subject to shrinkage cracks
- Accommodates up to 0.4mm shrinkage cracks.

USES

A one pack thick or thin bed internal and external floor and wall flexible adhesive for fixing over most substrates e.g. concrete, cement render, fibre cement sheets, plasterboard, existing properly prepared ceramic tile and Construction Chemicals waterproof membranes. Not suitable for immersed or swimming pool application. Construction Chemicals proves other systems. Do not use over timber floors.

PERFORMANCE DATA

Meets the performance requirement of AS4992 shear bond strength 1.5Mpa.

COVERAGE (Approximate)

20kg will cover 6-8m² using a 10mm notched trowel, over a true surface.

SPECIFICATION

The ceramic tile adhesive will be a water resistant, fast setting flexible rubber based polymer modified cement that conforms to AS4992 and has a minimum sheer bond strength of 1.5Mpa such as CEMFLEX manufactured by Construction Chemicals and shall be applied in accordance with the manufacturers application instructions.

SURFACE PREPARATION

The surface to be tiled must be firm and clean, free from dust, waxes, paint and other contaminants. Steel floated concrete floors must be primed with SUPER PRIME. Ceramic tiles primed with PRIMAX. Prime building boards, cement sheets, porous surfaces and concrete with PRIMER AND GROUT ADDITIVE.

MIXING

Mix with clean water using 3-4 litres per 10kg to a thick creamy consistency. Pot life is approximately 2 hours, depending on temperature. Allow to stand for 5-10 minutes and restir before use.

SET TIME

Approximately 8-12 hours, depending on temperature, humidity and surface porosity. Allow longer for dense tiles.

APPLICATION

Apply adhesive with a notched trowel (6mm x 6mm for walls and 10mm x 10mm for floors) or butter the back of tiles 3-5mm thick. The final bed thickness must not be less than 2mm for walls and 3mm for floors, to accommodate movement. Spread about 1 metre at a time. Tiles must be set in place while the adhesive is still wet on the surface. Press tiles firmly into the adhesive using a slight twisting motion. Tiles must be firmly bedded into the adhesive so no voids occur beneath the tiles. Do not spot fix.

GROUTING

Grout after adhesive had set, approximately 8-12 hours. Use KEMGROUT mixed with PRIMER AND GROUT ADDITIVE or FLEXIBLE GROUT ADDITIVE.

SHELF LIFE

1 year



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