

## ONE PART FAST SETTING FLEXIBLE TILE ADHESIVE

### PACKAGING



### MIXING



### APPLICATION



### USES



### SUBSTRATES

CONCRETE  
BRICK  
BLOCK  
CEMENT RENDER  
BUILDING BOARDS

### DESCRIPTION:

A fast setting flexible polymer modified cement based adhesive. It is formulated for fixing porous and non-porous tiles, porcelain tiles and natural stone over sound concrete, acrylic waterproofing membranes, where there is a need for tiling and grouting in 4 hours and put into full traffic in 6 hours.

### FEATURES:

- Grout in 4 hours
- Trafficable in 6 hours
- Flexible - will accommodate shrinkage cracks in the substrate (0.4mm)
- Will not lip or shrink

### USES:

A fast setting adhesive for areas requiring tiling to full use in 4 hours. e.g. overnight renovations of shops, hospitals, bathroom renovations, passageways and commercial situations where trades need to access the floors quickly. Not for use in immersed application i.e. swimming pools or timber floors. (Construction Chemicals provides other systems.)

### PERFORMANCE DATA:

Tensile strength (4 hours) 0.5N/mm<sup>2</sup>.  
14 days 1.2N/mm<sup>2</sup>.

### COVERAGE:

6-7m<sup>2</sup> (approximate) depending on the surface and notch trowel size.

### SPECIFICATION:

The fast set ceramic tile adhesive shall be a water resistant flexible fast set polymer-based cement that has a minimum shear bond strength of 0.5N/mm<sup>2</sup> in 4 hours such as FASTFLEX 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. Power or steel floated concrete floors must be mechanically roughened and washed thoroughly prior to tiling. Prime the surface with KEMCRETE BONDING SLURRY or SUPERPRIME. New concrete must be 28 days old.

### MIXING:

Mix with clean water using 2.5-3 litres per 10kg of powder to a thick creamy consistency. Pot life is approximately 40 minutes, fixing time 15-20 minutes, depending on the temperature. Allow to stand for 5 minutes and restir before use. The mixture will thicken if left standing. Re-stirring reduces thickness, making the product useable for a longer time.

### SET TIME:

Approximately 4-6 hours, depending on temperature and humidity.

### 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 has set, approximately 4 hours. Use KEMGROUT mixed with PRIMER AND GROUT ADDITIVE or FLEXIBLE GROUT ADDITIVE.

**SAFETY:**

This product contains cement which contains silica and is highly alkaline. Mix and apply product using gloves, safety goggles and a dust mask. If product gets in contact with eyes, flush immediately with clear water. Refer to Material Safety Data Sheet for further information.

**SHELF LIFE:**

One year in a sealed bag in a dry environment.

**CONSTRUCTION  
CHEMICALS**

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- **BRISBANE** 45 COULSON ST WACOL 4076 PH: (07) 3271 2944 FAX: (07) 3271 3892
- **MELBOURNE** 11 GABRIELLE CT BAYSWATER NORTH 3153 PH: (03) 9761 4711 FAX: (03) 9761 4748
- **PERTH** 11 COLLIE ST WELSHPOOL 6106 PH: (08) 9356 9999 FAX: (08) 9356 9955
- **SYDNEY** 31-33 NEWTON RD WETHERILL PARK 2164 PH: (02) 9756 3533 FAX: (02) 9756 3534
- **AUCKLAND** 16 CARPENTER RD EAST TAMAKI PH: (09) 273 5444 FAX: 0800 266 236
- **KUALA LUMPUR** LOT 2 JALAN KECAPI 33/2 ELITE INDUSTRIAL ESTATE OFF JALAN BUKIT KEMUNING  
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