

PACKAGING



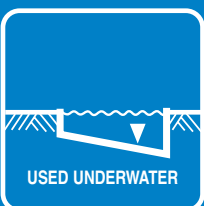
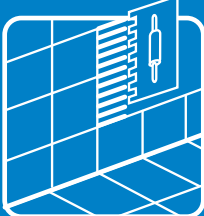
MIXING



APPLICATION



USES



USED UNDERWATER

SUBSTRATES

CONCRETE
BRICK
BLOCK
CEMENT RENDER

DESCRIPTION

KEMGRIP is a cement powder based adhesive formulated to be mixed with water. A thick or thin bed adhesive for bedding and fixing ceramic tiles to firm masonry surfaces. KEMGRIP is manufactured in the following grades -

- STANDARD** A waterproof thick bed floor and wall adhesive for normal application.
- FLOOR/WALL** A waterproof thin and thick bed floor and wall adhesive when extra bond is required.
- SUPER** A waterproof floor and wall adhesive of off white colour when extra grip or non-slip properties are required.

COVERAGE (Approximate) 2 to 6kg per sq.m. depending on surface.

PERFORMANCE DATA

Exceeds the performance requirements of AS2358 and BS5980

Shear Bond Strength	Standard	16.83kg/cm ² 1.65Mpa
	Floor & Wall	19.38kg/cm ² 1.9Mpa
	Super	23.77kg/cm ² 2.33Mpa

SPECIFICATION

The ceramic tile adhesive will be a waterproof cement adhesive that conforms to AS2358 and BS5980 and has a minimum shear bond strength of such as KEMGRIP 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, laitance waxes, paint and other contaminants. Steel floated concrete floors must be mechanically roughened and washed thoroughly prior to tiling. Prime concrete with PRIMER AND GROUT ADDITIVE. *KEMGRIP will adhere to most tiles, however when fixing vitrified or non-porous tiles, additional bond is required by adding 1 litre of KEMCRETE to 20kg of KEMGRIP.

SWIMMING POOLS

Prime surface with a bonding slurry i.e. 1 part KEMCRETE to 2 parts cement. Add 1 litre of KEMCRETE per 20kg bag KEMGRIP FLOOR & WALL/SUPER. Tile in cool conditions. Grout with KEMGROUT mixed with PRIMER AND GROUT ADDITIVE.

MIXING

Mix with clean water using 2-3 litres per 10kg to a thick creamy consistency. Mix sufficient to last 30-60 minutes. Allow to stand for 5-10 minutes and restir before use.

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. 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. Adjustments can be made up to 20 minutes after fixing.

GROUTING

Grouting should be commenced after 24 hours and is trafficable after 3 days. Grout with KEMGROUT

SHELF LIFE 1 year.

**CONSTRUCTION
CHEMICALS**

- 1ADELAIDE 467 - 469 SOUTH RD REGENCY PARK 5010 PH: (08) 8346 8013 FAX: (08) 8340 2052
- 1BRISBANE 45 COULSON ST WACOL 4076 PH: (07) 3271 2944 FAX: (07) 3271 3892
- 1MELBOURNE 11 GABRIELLE CT BAYSWATER NORTH 3153 PH: (03) 9761 4711 FAX: (03) 9761 4748
- 1PERTH 11 COLLIE RD WELSHPOOL 6106 PH: (08) 9356 9999 FAX: (08) 9356 9955
- 1SYDNEY 31 NEWTON RD WETHERILL PARK 2164 PH: (02) 9756 3533 FAX: (02) 9756 3534
- 1AUCKLAND 16 CARPENTER RD EAST TAMAKI PH: (09) 273 5444 FAX: 0800 266 236
- 1KUALA LUMPUR LOT 2 JALAN KECAPI 33/2 ELITE INDUSTRIAL ESTATE OFF JALAN BUKIT KEMUNING 40000 SHAH ALAM PH: (603) 5122 2522 FAX: (603) 5122 2526

"The information contained in this technical publication is based on our current knowledge and experience and is provided as a guide only. In view of the many factors that may affect application it is the users sole responsibility to ensure suitability for a specific purpose."