

CONSTRUCTION CHEMICALS

PRIMING

PACKAGING MIXING



APPLICATION



ADHERING TILES

PACKAGING MIXING



APPLICATION



GROUTING

PACKAGING MIXING



APPLICATION



USES



SUBSTRATES

CONCRETE FLOORS

Tiling Floors Subject to High Point Loadings

i.e. CAR SHOWROOMS, DRIVEWAYS, GARAGES, SHOPPING MALLS

MATERIALS:

KEMGRIP FLOOR & WALL (cement based ceramic tile adhesives) and ELASTACRETE (water based flexible acrylic additive) KEMGROUT (ceramic tile grout) PRIMER & GROUT ADDITIVE (waterbased acrylic) MONOFLEX (polymer modified cement adhesive) are available from Construction Chemicals.

SURFACE PREPARATION:

Existing Concrete:

The surface must be clean and structurally sound and be free of dust, oil, grease, wax, paint and other contaminants. Remove oil, grease etc. with an industrial detergent e.g. Tri Sodium Phosphate or caustic soda solution. Wire brush or abrade to remove previous coating. Smooth concrete must be roughened mechanically and washed thoroughly and allowed to dry. Contaminated surfaces must be mechanically abraded.

New Concrete:

Must be finished with a wood float and be allowed to cure for a minimum of 28 days before tiling. The surface must be free of dirt, dust, grease and release agents prior to tiling.

DO NOT TILE OVER MOVEMENT JOINTS IN THE FLOOR.

PRIMING: Prime all surfaces.

Apply PRIMAX to the substrate with a hard bristled broom.

Workmanship:

Apply products in accordance with the manufacturers written instruction and good trade practice.

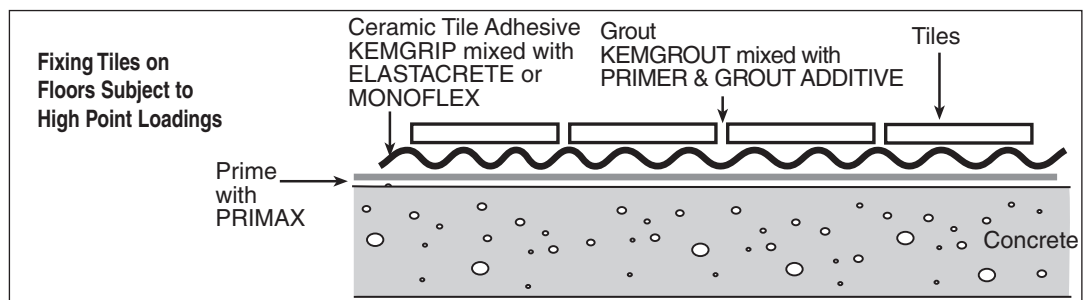
Application:

Adhere the tiles with KEMGRIP (Floor & Wall) mixed with ELASTACRETE at a rate of 5-6 litres of liquid to 20kg KEMGRIP (Floor & Wall) or use MONOFLEX. The adhesive will flex, accommodating possible movement difference between the tile and the concrete yet still being sufficiently rigid to accommodate the stress and point loading of the weight of vehicles or pallet trucks. The adhesive will accommodate pedestrian traffic 24 hours after application. Driveways and car showrooms must set for 14 days @ 23°C 50% relative humidity before use. Tiles must be a heavy duty, commercial grade (Rating 5).

Apply the adhesive in accordance with the labels direction and good tiling practice using a 10 x 10 x 10mm notched trowel. Spreading a metre at a time, bed the tiles securely into the adhesive and ensure there are no voids beneath the tile to a final bed thickness of 3mm-5mm. Grout the tiles using KEMGROUT mixed with PRIMER AND GROUT ADDITIVE.

Movement Joints:

Leave a 5mm gap around the perimeter of the floor and at 5 metre intervals in a grid pattern and fill the clean joints with a flexible sealant (i.e. COLOR SEAL). Do not tile over movement joints in the floor.



CONSTRUCTION CHEMICALS

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