

# Mosaicbond

## TWO PACK, FLEXIBLE, GLASS MOSAIC ADHESIVE/GROUT

### PACKAGING



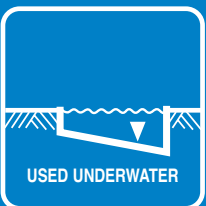
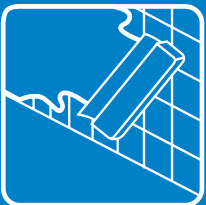
### MIXING



### APPLICATION



### USES



USED UNDERWATER

### SUBSTRATES

GYPSUM  
PLASTERBOARD  
CEMENT SHEET  
CONCRETE, BRICK, BLOCK  
STRUCTURAL PARTICLE  
BOARD FLOORING  
CEMENT RENDER

### DESCRIPTION

MOSAICBOND is a two pack, premium grade, internal and external floor and wall adhesive with exceptional performance. MOSAICBOND is formulated to allow the bonding and grouting (1mm-5mm joints) of mosaics in one application. Can be used on many different surfaces i.e.: fibre cement sheet, particleboard, concrete, ceramic tiles and smooth concrete.

### FEATURES

- Exceptional adhesion – suitable over a number of difficult to bond to substrates.
- Waterproof – ideal for water features and full immersion.
- Flexible – accommodates normal building movement.
- White (ideal for glass mosaics) and colours available.
- High initial adhesion – reduces the need for support in wall tiling applications.
- Allows tiling and grouting of mosaics in one process.

### USES

A two pack thin bed internal external floor and wall adhesive for fixing and grouting mosaic tiles over most substrates eg cement render, fibre cement sheets, plasterboard, existing properly prepared ceramic tiles and Construction Chemicals waterproof membranes.

### COVERAGE (approximate)

8lts of liquid mixed with 20kg of KEMGROUT FLEXIBLE will cover approximately 6-8m<sup>2</sup> depending on grout joint width and bed thickness.

### SURFACE PREPARATION

The surface to be tiled must be structurally sound and clean, free from laitance, release agents, curing compounds, dust, waxes, paint and all contaminants. Prime porous substrates, cement sheet, building boards and up to 32 Mpa concrete with PRIMER AND GROUT ADDITIVE. New concrete must be 28 days old. Concrete swimming pools to be primed with PRIMAX. (Mix MOSAICBOND with KEMGROUT SANDED). When using glass mosaics in fully immersed conditions check with the tile supplier as to the suitability. The adhesive used to fix the mesh to the back of the mosaic may swell and breakdown under these conditions. Ensure that no more than 10% of the back of the sheet of mesh mounted mosaic is covered by the substance used to adhere the glass mosaic to the mesh.

### MIXING

Mix 4 litres of MOSAICBOND liquid with approx. 10kg of KEMGROUT FLEXIBLE or approx. 15kg of KEMGROUT SANDED to a thick creamy consistency. Pot life is approximately 1 to 2 hours @ 23c 50% relative humidity.

### SET TIME

Approximately 24 hours, depending on temperature, humidity and substrate porosity. Allow longer for dense tiles. Swimming pools allow 4 weeks before filling pool.

## APPLICATION: Adhesive & Grout

Apply the adhesive using one of the following methods.

1. Using a 6mmx6mm notched trowel apply mixed MOSAICBOND to the substrate. Place the mosaic sheet face down and fill the grout joints by buttering the back of the sheet. Place the mosaic sheet face down and fill the grout joints by buttering the back of the tile. Place the mosaic sheet and bed onto the surface using a flat wooden sheet (that is slightly larger than the mosaic sheet) to level the sheet. Clean up excess adhesive and repeat with following sheets.
2. Using a 10mmx10mm notched trowel apply the mixed MOSAICBOND to the substrate. Place the MOSAICBOND onto the adhesive forcing adhesive into the grout joints then top up grout with a rubber grouter until filled and flush. Clean up excess adhesive and repeat with the following sheets.

The final bed thickness must not be less than 2mm for walls and 3mm for floors, to accommodate movement. Spread 1m<sup>2</sup> at a time; do not allow the adhesive to “skin” bed the tiles while the adhesive is still wet on the surface. Press mosaics firmly into the adhesive ensuring full bedding of the mosaics. Allow the adhesive to come up between the grout joints so grouting can be done at the same time, use more adhesive if required to grout as tiling is being done. Clean adhesive off the tile face before adhesive dries.

## GROUTING

Remove surplus grout with a damp cloth or sponge. Do not allow the MOSAICBOND to harden on the face of the tiles. When a haze forms over the tile polish carefully with a dry cloth.

## SHELF LIFE

1 year. Store in a cool dry place out of direct sunlight.

**CONSTRUCTION  
CHEMICALS**

● **ADELAIDE** 135 CORMACK RD (Cnr Davis Rd) WINGFIELD 5013 PH: (08) 8243 7888 FAX: (08) 8243 7800  
● **BRISBANE** 45 COULSON ST WACOL 4076 PH: (07) 3271 2944 FAX: (07) 3271 3892  
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