

# Vitrigrip

## Packaging



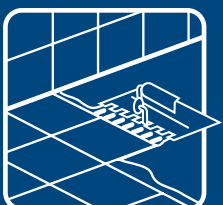
## Mixing



## Application



## Uses



## Substrates

Concrete  
Brick  
Block  
Cement Render

## Water-resistant tile adhesive

### Description

A polymer-modified, cement-based adhesive for bonding non-porous or vitrified tiles and stone to porous and non-porous masonry substrates without the addition of liquid additives.

### Uses

A thick and thin bed, internal and external, floor and wall, one-pack adhesive for bonding non-porous or vitrified tiles, marble, granite, slate and dense monocottura tiles to surfaces of brick, block, render, new and old concrete.

### Features

- **C2** high bond strength, exceeds 1.74MPa
- **T** non-slump
- Water-resistant tile adhesive
- Suitable for vitrified tiles and stone

### Performance Data

Exceeds the performance requirements of AS ISO 13007.1.

#### Tensile Adhesion Strength

1.74MPa (28 days)

### Coverage (Approximate)

3-6m<sup>2</sup> per 20kg, depending on tile size and trowel notch size.

### Specification

The ceramic tile adhesive will be a water-resistant, polymer-modified, cement-based adhesive that conforms to AS ISO 13007.1 and has a minimum tensile adhesion strength of 1.74MPa, such as **Vitrigrip** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's 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 mechanically roughened, washed thoroughly and allowed to dry prior to tiling. Prime with **Primax** on external and smooth surfaces and **Primebond** on internal porous surfaces.

### A guide to tile joint sizes

Internal minimum 2mm, external minimum 4mm or as specified by the tile manufacturer and AS3958.1. **Do not** fix tiles with tight joints.

When grouting joints of less than 3mm we recommend mixing the grout with **Primebond**. Greater care is needed to place the grout deep into joints before pointing the joints to compact the grout surface.

### Mixing

Mix with clean water using 4-5 litres per 20kg to a thick creamy consistency. Adjust mix to suit users preference. Mix sufficient to last 30-60 minutes. Allow to stand for 5-10 minutes and restir before use.

### Application

Apply with a notched trowel. For tiles 400mm x 400mm or greater use a 12mm notch and butter tile back (as per the Australian Standard AS3958.1). 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 sliding motion. Tiles must be firmly bedded into the adhesive so no voids occur beneath the tiles. **Do not** spot fix. Movement joints (5mm) to be at 5 metre grids, corners and room perimeters are filled with a silicone sealant.

### Grouting

Grout after adhesive has set for 24 hours. Use **Kemgrout** mixed with **Primebond** for greater durability.

### Precautions

- **Do not** use in immersed applications or to bond moisture sensitive stone and tiles
- **Do not** let the adhesive dry on the tile surface, remove while wet with a damp cloth or sponge
- Apply adhesive at temperatures from 10-30°C

### Safety Precautions

Non-toxic, but contains cement which contains silica. Wear gloves and appropriate respirator. Further information for this product is contained in the Safety Data Sheet. Refer; [www.constructionchemicals.com.au](http://www.constructionchemicals.com.au)

### Shelf Life

1 year