

Vitrigrip

Packaging



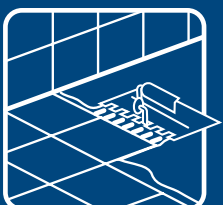
Mixing



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. Exceeds the performance requirements of AS4992.

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.

Not suitable for immersed or swimming pool application.

Features

- **C2** high bond strength, exceeds 1.74MPa
- Exceeds the requirements of AS4992
- Water resistant tile adhesive
- Suitable for vitrified tiles and stone

Performance Data

Exceeds the performance requirements of AS4992.

Tensile Adhesion Strength

1.74MPa (28 days)

Coverage (Approximate)

3-6m² 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 AS4992 and has a minimum tensile adhesion strength of 1.74MPa such as **Vitigrip** 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 AS3958.1-2007. **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 AS3958.1-2007). 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 for 24 hours. Use **Kemgrout** mixed with **Primebond** for greater durability.

Safety Precautions

Non-toxic but contains cement which contains silica. Wear gloves and appropriate respirator. Further information for this product is contained in the Material Safety Data Sheet. Refer; www.constructionchemicals.com.au

Shelf Life

1 year

**CONSTRUCTION
CHEMICALS**

www.constructionchemicals.com.au

Adelaide Phone (08) 8243 7888

Darwin Phone (08) 8947 1811

Perth Phone (08) 9356 9999

Auckland Phone (09) 273 5444

Brisbane Phone (07) 3271 2944

Melbourne Phone (03) 9761 4711

Sydney Phone (02) 9756 3533

Kuala Lumpur Phone (603) 5122 2522