Gripflex

Premium white polymer modified flexible mastic adhesive

Packaging

Mixing

Application

Uses

Substrates

Concrete
Brick
Block
Cement Render
Building Boards

Description

A white flexible polymer modified, water resistant, fast setting, cement based adhesive for bonding ceramic, porcelain and stone tiles to porous and non-porous surfaces subject to vibration and thermal movement.

Uses

A thick or thin bed internal and external, floor and wall one-pack flexible adhesive for fixing over most substrates e.g. concrete, heated concrete slabs, cement render, fibre cement sheets, plasterboard, existing properly prepared ceramic tiles, and **Construction Chemicals** waterproof membranes in shower alcoves. **Not suitable for immersed or swimming pool application. Do not use over timber floors** (**Construction Chemicals** provides other systems).

Features

• **C2** high bond strength, exceeds 1.85MPa
• **S1** high deformation, exceeds 2.5mm
• **E** extended open time
• **T** non-slump
• Superior performance to paste adhesives
• Instant grip and non-slip/slump
• Tiling over existing tiles

Performance Data

Exceeds the performance requirements of AS ISO 13007.1
Tensile Adhesion Strength 1.85MPa (28 days)

Coverage (Approximate)

20kg will cover 13-16m^2 using a 6mm notched trowel, over a true surface.

Specification

The ceramic tile adhesive will be a water resistant, fast setting flexible polymer modified cement that conforms to AS ISO 13007.1 and has a minimum tensile adhesion strength of 1.85MPa such as **Gripflex** 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, waxes, paint and other contaminants. Steel floated concrete floors must be mechanically roughened, washed thoroughly and allowed to dry prior to tilling. 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 3-4 litres per 10kg to a thick creamy consistency. Pot life is approximately 2 hours, depending on temperature. 20kg of **Gripflex** can make approximately 18 litres of paste. 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 **Colour Seal** or **Sealflex**.

Set Time

Approximately 24 hours, depending on temperature, humidity and surface porosity. Allow longer for dense tiles.

Grouting

Grout after adhesive has set, approximately 24 hours. Use **Kemgrout** mixed with **Primebond**.

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

Sizes

Available in 10kg and 20kg bags.

Shelf life 1 year