

Dribond

Hydrabond

Packaging



Mixing



Application



Uses



Used underwater

Substrates

Gypsum
Plasterboard
Cement sheet
Concrete,
Brick, Block
Cement render

A premium white multipurpose ceramic tile adhesive suitable for permanently immersed applications

Description

A premium white multipurpose polymer modified adhesive suitable for permanently immersed applications.

Uses

A one part thick or thin bed adhesive used to fix all ceramic tiles including vitrified, porcelain, mosaic, glass mosaic and non-moisture sensitive stone, internally, externally, immersed on floors and walls of concrete, render, screed, heated floors, approved waterproofing membrane, building boards (fibre cement sheet, plasterboard) gypsum plaster and existing tiles that are suitably prepared and primed.

Features

- **C2** high bond strength, exceeds 1MPa
- **S1** high deformation, exceeds 2.5mm
- **E** extended open time
- **T** non-slump
- Vitrified, porcelain, mosaic, glass and stone
- Green Star compliant
- Non-slump - suitable for large format tiles

Performance Data

Exceeds the performance requirements of AS4992 giving a tensile adhesion strength of 1 - 2MPa after immersion.

Coverage (Approximate)

6mm notch - 12-15m² / 20kg
10mm notch - 8-10m² / 20kg

Specification

The ceramic tile adhesive will be a white polymer modified waterproof adhesive that conforms to AS4992 and has a minimum bond strength of 1.0MPa such as **Hydrabond** 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, clean, free from dust, waxes, paint and other contaminants. Building boards must be fixed in accordance with the manufacturer's instructions. Steel floated concrete floors must be mechanically roughened, washed thoroughly and allowed to dry prior to tiling. When tiling over existing tiles, clean the surface thoroughly and prime with **Primax**. Prime with **Primax** on external, smooth and immersed 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 6-7 litres / 20kg to a thick, creamy consistency. Mix with a slow speed electric mixer and add the powder to the water. Allow to stand for 5 minutes and re-stir before use and adjust the mix to suit users requirements. The pot life is approximately 2 hours depending on the temperature.

Set Time

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

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.

Swimming Pools / Water Features

Fix tiles in accordance with AS3958.1-2007 and fill with water when the adhesive has set (a minimum 7 days @ 23°C). Allow longer in cooler conditions. **Hydrabond** is suitable for domestic applications. For commercial use and in high flexing situations use **Kemgrip Floor & Wall** mixed with **Elastacrete**, or **Ultima**.

Clean Up

Remove excess adhesive while the adhesive is wet.

Grouting

Grout after adhesive has initially set, approximately 24 hours. Use **Kemgrout** mixed with **Primebond**. Immersed applications i.e. swimming pools, grout with **Kemgrout Sanded** only 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 Material Safety Data Sheet. Refer; www.constructionchemicals.com.au

Precautions

- Not suitable for moisture sensitive stone
- Do not apply at temperatures below 5°C and above 35°C
- Movement joint in tiled surfaces as per AS3958.1-2007 (as a guide: Floors - around the perimeter and 5m intervals and 6mm wide. Walls - at 3-4.5m intervals and corners. Externally at story height intervals)
- Do not tile over existing tiles in immersed conditions
- Do not use for direct tiling to timber or timber composites, metal or plastic
- External tiling not to exceed 3m in height
- Post and pretensioned concrete must be treated as flexible
- Not suitable for fibreglass pools or spas
- Suitability of mesh backed mosaics must be established prior to commencement

Shelf Life

1 year



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