

Mightymastic

Packaging



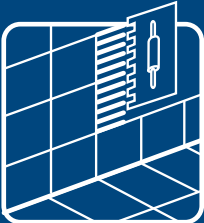
Mixing



Application



Uses



Substrates

Concrete
Cement render
Building Boards

White, non-sanded, non-slip/slump tile adhesive

Description

A white, polymer-modified, non-sanded, flexible, cement-based adhesive with non-shrink and non-slip/slump properties and exceptional creamy mastic qualities for fixing vitrified, porcelain, stone, marble and mosaic tiles.

Uses

A thick or thin bed adhesive that can be used to fix absorbent and non-absorbent tiles internally and externally on floors and walls to concrete, cement render, screeds, block and brick. Apply internally to approved building boards (gypsum/cement sheet) and **Construction Chemicals** waterproofing membranes.

Features

- **C2** high bond strength, exceeds 2.05MPa
- **S1** high deformation, exceeds 2.5mm
- **E** extended open time
- **T** non-slump
- Exceeds the requirements of AS ISO 13007.1
- Instant grip and non-slip/slump
- Cures on absorbent and non-absorbent surfaces
- Excellent workability
- Flexible

Performance Data

Exceeds the performance requirements of AS ISO 13007.1

Tensile Adhesion Strength
2.05MPa (28 days)

Coverage (approximate)

6mm notch trowel 10m²/20kg
10mm notch trowel 7m²/20kg

Specification

The ceramic tile adhesive will be a white, polymer-modified, cement-based with non-slip/slump and non-shrink properties and have a minimum tensile adhesion strength of 2.05MPa, such as **Mightymastic** manufactured by **Construction Chemicals** and shall be applied strictly in accordance with the manufacturer's instruction.

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 & 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 litres to 10kg. Add the powder to the water while mixing with a slow speed electric drill to obtain a lump-free creamy consistency. Adjust mix to suit users preference. Pot life is approximately 2 hours. Allow to stand for 5 minutes and re-stir before use.

Application

Tiling must be done in accordance with AS3958-1. 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

Shelf Life 1 year