

# Elastacrete

## Flexible acrylic additive for Kemgrip Floor & Wall

### Packaging



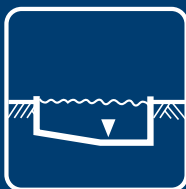
### Mixing



### Application



### Uses



### Substrates

Gypsum  
Plasterboard  
Cement sheet  
Concrete,  
brick, block  
Cement render

## Description

**Elastacrete** replaces water in **Kemgrip Floor & Wall** to make an adhesive that has flexibility, strength, improved bond strength and is chemical, vibration and shock resistant.

## Uses

Bedding and bonding ceramic, porcelain, granite, slate, stone and marble tiles or slabs vertically or horizontally to interior or exterior surfaces of cement render, brick, block, compressed cement sheeting. Use for thin or thick bed fixing. It is unaffected by high humidity and can be used in immersed applications. **Elastacrete's** high tensile adhesion strength makes it ideal for areas subject to damp and humid conditions, vibration and thermal movements.

## Features

- Mixed with **Kemgrip Floor & Wall** becomes a C2S2 adhesive
- Adds flexibility
- Increases waterproof properties
- Ideal for swimming pools
- Suitable for vehicle traffic
- Green Star compliant

## Coverage (Approximate)

5-6 litres per 20kg **Kemgrip Floor & Wall**, covers 3-6m<sup>2</sup> depending on the trowel size.

## Performance Data

Conforms to the performance requirements of AS ISO 13007.1.

### Tensile Adhesion Strength

3.33MPa (28 days)

## Specification

The ceramic tile adhesive will be a two pack flexible acrylic additive mixed with **Kemgrip Floor & Wall** that conforms to AS ISO 13007.1 and has a minimum tensile adhesion strength of 3.33MPa, such as **Elastacrete** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions.

## Surface Preparation

Surface must be free from dirt, dust, grease and other contaminants. Concrete floors/swimming pools must be primed with **Primax**.

## 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

**Elastacrete** replaces water (water must not be added). Mix sufficient to last 30-60 minutes. Allow to stand 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.

Must be applied in accordance with all relevant **Construction Chemicals** technical information: [www.constructionchemicals.com.au/tech-info/](http://www.constructionchemicals.com.au/tech-info/)

## Swimming Pools

When using in immersed applications cure for a minimum of 7 days @ 23°C @ 50% relative humidity. Allow longer in cooler conditions.

## Grouting

Grout after adhesive has set, approximately 24 hours (trafficable after 48 hours). Use **Kemgrout** mixed with **Primebond**. Immersed applications, i.e. pools, grout with **Kemgrout Sanded** only mixed with **Primebond**.

## Shelf Life

When stored in the original, unopened packaging, in a dry place @ 23°C @ 50% relative humidity, the product has a 24 month shelf life.