

## KANGAROO TILE ADHESIVE EXTREME FIX (KST525)

### Description

**KANGAROO TILE ADHESIVE EXTREME FIX (KST525)** is an extra modified tile adhesive which consists of cement, selected aggregate and special additives that can be easily mixed with water to produce a consistent adhesive, excellent for bonding all types of tiles and stone on floors and walls indoor and outdoor. It is specially designed to be easily mixed and applied. The excellent workability of this product makes it excellent to be applied on vertical substrate without sagging, and the extended open time is one of the good properties of this product which allows to apply it over larger areas and fix tiles over these applied areas without any effects on the adhesion strength.



### Advantages

- Excellent on drywall such as gypsum boards and fiber cement boards.
- Excellent for wall and floor applications.
- Excellent for exterior and interior applications.
- Excellent for under floor heating systems.
- Excellent on concrete, cement-based mortar, screed and plaster.

Fresh mixed density	1.8 ± 0.1 g/cm <sup>3</sup>
Working time at 25 °C	About 2 hrs.
Working time at 35 °C	About 1 hr.
Minimum application temperature	5 °C
Color	White, Grey
Water to powder ratio	0.25
Avg. cover at 3mm (wet film thickness)	6.0 – 7.0 m <sup>2</sup>
Bond strength @ 28 days	> 0.7 MPa
Tensile adhesion according to water immersion	≥ 1 MPa
Classification	C2TE
Packaging	25 kg
Fire	Non-flammable



### Technical Data:

Maximum application thickness: - 10 – 15 mm

Maximum tile size: -

For tiles with thickness 12 mm: - 320cm X 160cm.

For tiles with thickness 2-3 cm: - 200cm X 150cm.

Classification BSEN 12004: C2TE

#### Tensile adhesion strength: -

- Initial  $\geq 1,0 \text{ N/mm}^2$  –
- After water immersion  $\geq 1,0 \text{ N/mm}^2$
- After heat ageing  $\geq 1,0 \text{ N/mm}^2$
- After freeze-thaw cycles  $\geq 1,0 \text{ N/mm}^2$

#### Extended open time: -

Tensile adhesion strength  $\geq 0.5 \text{ N/mm}^2$

#### Slip resistance: -

Slip  $\leq 0.5 \text{ mm}$

#### Deformable adhesive: -

Transverse deformation  $\geq 2.5 \text{ mm}$

## Way of Use

### Priming

The substrate to be coated should be clean, sound, and free from any contamination. Remove any traces of curing compound, laitance, organic materials.

### Mixing

For best homogenous mix, a mechanically powered mixer with suitable paddle should be used.

Gradually add the material to a clean water while mixing continuously with low speed mixer (400-500 rpm).

After adding the whole quantity of powder Continue Mixing for 3 minutes to get a homogenous mix.

Note: - If the mixed material is abandoned more than 20 min re-mix it again.



## Application

Apply a thin layer of the mixed material onto the substrate, then comb it with notched trowel horizontally to achieve a bed thickness of 2-5 mm. Put the tile with good enough pressure to ensure good contact with the material.

After 24 hours the new tiled substrate will be ready to apply tile grout.

## Do not:

- Apply the material under rainfall.
- Apply the material when the temperature is below 5°C.

## Cleaning

Clean all tools immediately after finishing by clean water. If hardened material results clean it mechanically

## Cautions

*KANGAROO TILE ADHESIVE EXTREME FIX (KST525)* contains portland cement and sand, it may cause irritation to skin or eyes. In case of contact with eyes, immediately and thoroughly flush with clean water and seek for medical help.

## Storage

*KANGAROO TILE ADHESIVE EXTREME FIX (KST525)* has a shelf life of 12 months from the date of manufacture. The best storage temperature is between 5°C and 35°C.

