

## KANGAROO TILE ADHESIVE S2 (KST725)

### Description

**KANGAROO TILE ADHESIVE S2 (KST725)** 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 water-resistant waterproofing tile adhesive, excellent for bonding all types of tiles and stone for under water applications. It is specially designed to be easily mixed and applied. The excellent workability of this product makes it excellent to be applied on vertical substrates without sagging, the unique mix is designed to resist water and keep the bond under wet conditions and temperature range between -20 to 80 °C.

**Application areas:** Swimming Pools, bathrooms, kitchens, wet production areas, heavy and large tiles, porcelain, marble and natural stone indoor and outdoor, underfloor heating, cold rooms and freezers, high temperatures and high humidity applications.

### Advantages

- Excellent workability, waterproofing and water resistance
- High flexibility and adherence. Reduced slipping and extended open time
- Excellent for walls, floors and over-head applications.
- Excellent for exterior and interior applications.
- Excellent for under floor heating systems.

- Excellent on concrete, cement-based mortar, screed and plaster.
- Highest performance class of cement-based tile adhesives.

### Properties

Fresh mixed density	1.8 ± 0.1 g/cm <sup>3</sup>
Working time at 25 °C	About 2 hrs.
Minimum application temperature	5 °C
Color	White, Grey
Water to powder ratio	0.20 – 0.23
Avg. cover at 2mm (wet film thickness)	6.0 – 7.0 m <sup>2</sup>
Bond strength @ 28 days	> 1 MPa
Tensile adhesion strength after water immersion	≥ 1 N/mm <sup>2</sup>
Tensile adhesion strength after heat aging	≥ 1 N/mm <sup>2</sup>
Tensile adhesion strength after freeze-thaw cycles	≥ 1 N/mm <sup>2</sup>
Transverse Deformation	≥ 5 mm
Classification	C2TES2
Packaging	25 kg



## 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 abandon 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 S2*

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 S2* has a shelf life of 24 months from the date of manufacture. The best storage temperature is between 5°C and 35°C.

