



# FARCO TILE AK5-AK

## High Performance Ready to Use Paste Tile Adhesive

### Product Description

FARCOTILE AK5-AK2 is a high quality adhesive consists of different mineral powders, dispersion polymers, adhesion promoters and thixotropic agents and AK2 is Ready for use dispersion adhesive with an acrylic base for internal substrates.

### ● Application

- For fixing ceramic, tile and stone tiles on stone and old tiles, cement and gypsum board and concrete substrates.
- Walls of bathrooms and showers, kitchens, Hospital rooms and staircases.

### ● Advantages

- Ready to use and easy to apply
- High adhesion properties
- When hardened it has good flexibility, excellent bonding strength and can withstand the limited vibrations and deformations of building substrates.

### ● Standard complicance

AK5: EN 12004 - TYPE D1T AK2: EN 12004 - TYPE D2T

### ● Technical Characteristics

Consistency	Paste
Color	White
Specific Gravity	1.6 kg/lit
Adhesion strength EN 1324	>2 N/mm <sup>2</sup>
Damp resistance	Good
Flexibility	Good
Open time (25°c)	20minuetes

### ● Consumption

2 to 4 kg per m<sup>2</sup> depending on Substrate condition.

### ● Method of Preparation and installation

#### Surface preparation

- The substrate must be stable, dry, cleaned of dust, grease, oil, etc
- Prior to application, repair the defects and level the uneven substrates with polymer modified mortars.
- For better bonding of adhesive to the old tiled substrates, remove the glaze moderately.

#### Mixing

- AK5 and AK2 are ready - for - use - Do not use thinner.

#### Applying the Adhesive

- AK5-AK2 are applied to the substrate with a notched trowel. Choose a trowel that gives maximum coverage of adhesive at the back of the tile.
- If the thickness of the applied adhesive be too high, it results in slip of the tile in setting and drying of adhesive.
- At normal temperature and humidity condition the open time of adhesive is between 20 to 25 minutes.
- Re-trowel the surface if the adhesive form skin.
- Do not work at temperature below +5°c
- The stiff and non workable adhesive has

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low wetting capability and do not have enough coverage at the back of the tile.

· It is not formulated for water immersion services, for this application BK1 in combination with (SA12 or SA46), BK2 or BK2F is recommended.

· At cold condition and/or walls that the height is too high, install with at least one interval (Min 6 hours).

· For highly absorbent substrates, wet the surface with clean water; in addition dip the dusty or highly absorbent tiles in clean water prior to installation.

## **Fixing**

The tiles should be fixed by pressing them in the desired position.

## **Grouting**

Grout the joints 1 to 3 days after setting of

the adhesive.

## ● **Packaging**

FARCOTILE AK5-AK2 are supplied in 1, 5, 12,25kg buckets.

## ● **Storage**

It is recommended to keep with in the range of 5°c to 35°c keep out of direct sunlight.

## ● **Shelf life**

FARCOTILE AK5-AK2 month 6 when kept under recommended conditions and stored in unopened and undamaged containers.

## ● **Technical Service**

The SHIMISAKHTEMAN Technical Service Department is available to assist you in the correct use of our products in the field



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