

## Technical Data Sheet

# UNICOLL FLEX

## *Polymer modified cement based tile adhesive*

### Description :

UNICOLL FLEX is used for bonding of absorbent and non absorbent ceramic tiles and natural stones on floors and walls indoors.

### Precautions :

For tiles on tiles indoors and for tiles in swimming pools use UNICOLL EXTRA. For tile dimensions up to 60x60cm on facades use UNICOLL FLEX + UNICRETE AR, or UNICOLL SUPER

### Instructions for use :

All flat substrates should be free of loose particles, grease, oil etc...

Mortar substrates should have cured completely before the application of the tile adhesive.

Each 20 Kgs tile adhesive powder should be mixed with about 6 liters of clean water in a clean container till it becomes a homogeneous paste.

It is preferable to pour the water into the container first then add the tile adhesive powder. Also it is advisable to use an electrical drill to get consistent mixing.

The tile adhesive paste should be left to stand for about 5 minutes then stirred again and applied on the substrate with a notched trowel.

At least 70% of the back of the tiles should be covered by the tile adhesive paste for internal and light traffic areas and 100% for external and high traffic areas.

### Technical data:

- **Color** : White
- **Potlife** of the tile adhesive paste: approx. 3 hrs at normal ambient temperature.
- **Coverage** : approx. 3 – 6 Kgs powder per square meter depending on the type of substrate and tile dimensions.
- **Open time** of the tile adhesive paste : approx. 30 minutes after bedding-in.
- **Tensile Strength** of the hardened adhesive after 28 days : 1.70 N/mm<sup>2</sup>
- **Packing** : 20 Kgs bags
- **Storage** : At least 12 months in a dry place in the sealed original packing.