

## UniPutty 100

### Cement-based walls and ceilings putty

#### Description

**UniPutty 100** is a single component, cement-based, polymer modified powder. When mixed with water it provides a highly consistent, smooth, fine paste with unique workability properties.

#### Features and benefits

- Factory pre-blended. Constant quality with exact mixing ratios.
- Excellent resistance to different weather conditions. Suitable for internal and external applications including coastal areas.
- Excellent adhesion to smooth cement-based substrates (including fair face concrete).
- Breathable. Allow the substrate to breathe without peeling off.
- Unlike conventional putty, **UniPutty 100** has better compatibility with the cement-based render and concrete substrates.
- Shrinkage controlled and easy to use. Only mixing with water is required.
- Can be applied to 7 days old cement-based substrate.

#### Recommended for

**UniPutty 100** is used for smoothing and leveling interior and exterior walls and ceilings prior to using emulsion or oil-based paints.

#### Composition

**UniPutty 100** is composed of high strength Portland cement, well-graded fillers and a compound of selected chemicals to improve adhesion and workability.

#### Packaging

**UniPutty 100** is available in 25 kg bags.

#### Coverage

0.5-0.6 kg/m<sup>2</sup>/2 coats.

#### Note:

Coverage rate takes no account of wastage and may vary according to surface condition and application method.

#### Technical data

Mixed density	1.45 kg/liter
Compressive strength	>20 N/mm <sup>2</sup>
Tensile adhesion strength	>0.5 N/mm <sup>2</sup>
Pot life	120 minutes @ 20°C
Application thickness	0.2 – 4 mm/coat
Colors	White - Grey

#### Surface preparation

Substrates to be treated should be clean, sound, and free from any contamination. Remove any traces of curing compound, laitance, organic growth or any other loose materials. Deep surface defects should be filled with suitable repair mortar. Wash the substrate with clean water.

#### Mixing

**UniPutty 100** paste can be obtained by mixing a 25 kg bag with approximately 8-9 liters of clean water. Mix mechanically using slow speed drill fitted with suitable mixing paddle or mechanically powered mixer. Small quantities can be hand mixed using suitable hand tools. Add the content of **UniPutty 100** bag to the mixing water slowly while mixing. Mix for 3 minutes until homogeneous paste consistency is obtained. Let the mixture stands for 5 minutes and re-mix for 2 minutes.

**UniPutty 100** may stiffen on standing, do not add more water & re-mix to obtain again the desired consistency.

#### Application

Scraper or putty knife may be used to spread **UniPutty 100** manually.

**UniPutty 100** can be applied at application thickness from 0.2 to 4 mm thickness/layer.

Higher thickness can be achieved by applying multilayer layers. Leave each layer to dry for 4 - 6 hours before applying the following layer. Leave the final layer to dry preferably overnight. Lightly sandpaper the final surface till the required surface finish is achieved.

## Cleaning

Clean tools with water immediately after use. Hardened materials should be cleaned mechanically.

## Storage and shelf life

If stored unopened in a dry place at a temperature between +5°C and +30°C away from sources of heat and moisture, shelf life is 12 months from the date of manufacture printed on the pack.

## Health and Safety

This product contains cement which may cause skin irritation. It may cause allergic skin reaction and eye damage. Avoid breathing dust. Wear protective gloves, eye goggles and clothing. In case of skin contact, wash with plenty of water. In case of eye contact, rinse continuously with water for several minutes and seek medical attention. Dispose excess material to special waste collection point in accordance with local & national regulation. Keep out of reach of children.

For further information, please ask for Safety Data Sheet for this product.

***The most up-to-date TDS can be obtained from ACC Customer Service Department, or downloaded from our website: [www.acc.com.eg](http://www.acc.com.eg).***

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