

## UniGrout® 333

**Cement-based, fine finish, color decorative grout for narrow tiles' joints**

### Description

**UniGrout 333** is a single component, cement-based, polymer modified powder. When mixed with water, it provides an easy to apply thixotropic paste with unique workability and water retention properties for grouting tiles' joints.

**UniGrout 333** is used as a color decorative, non-shrink, waterproof, hard wearing and fine finish tiles' grout. It is ideal for grouting narrow joints up to 4 mm wide.

### Features and benefits

- Suitable for internal and external application.
- Water resistant. Suitable for wet areas and submerged applications.
- Non sag. Suitable for vertical and horizontal applications.
- High adhesion to different types of tiles.
- Excellent workability with long open time.

### Recommended for

**UniGrout 333** is used for grouting both floor and wall tiles' joints. This includes ceramic, porcelain, marble, terrazzo, stone cladding tiles...etc.

Main application areas include:

- Swimming pools and water tanks.
- Bathrooms, kitchens, balconies and shower rooms.
- Warehouses, factories, workshops and parking areas.
- Façade tiles.
- Classrooms and institutes.

### Composition

**UniGrout 333** is composed of high strength Portland cement, mineral charges, inorganic pigments and compound of chemicals to improve adhesion and workability.

### Packaging

**UniGrout 333** is available in 5 & 20 kg bags.

### Coverage

1 Kg of **UniGrout 333** can be used for grouting 3.3 m<sup>2</sup> using 300 X 300 X 8 mm tiles size and 3 mm tiles' joint width.

#### Note:

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

### Technical data

Powder density	1.45 kg/liter
Compressive strength ASTM C109 @ 28 days	>20 N/mm <sup>2</sup>
Flexural strength ASTM C348 @ 28 days	>3.5 N/mm <sup>2</sup>
Water absorption ASTM C413	8.13%
Pot life	120 minutes @ 20°C
Colors	White, beige, tan, rose, light grey, caramel, dark grey, brick red, blue and green

### Surface preparation

After tiles installation is finished, allow tile adhesive mortar to dry for a minimum of 24 hours prior to **UniGrout 333** application.

The joints between the tiles must be clean. Ensure that the tiles' joints are dry at the time of application.

### Mixing

**UniGrout 333** paste can be obtained by mixing a 20 kg bag with approximately 6.5-7.5 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 **UniGrout 333** bag to the mixing water slowly while mixing. Mix for 3 minutes until homogeneous paste consistency

is obtained. Let the mixture stand for 5 minutes and re-mix for 2 minutes.

**UniGrout 333** may stiffen on standing, do not add more water & re-mix to obtain again the desired consistency.

## Application

Do not apply **UniGrout 333** in direct sunlight or if the ambient temperature is below 5°C. Avoid exposure to rain, wind or direct heat which may impair the setting of the grout. Spread the grout over the surface of the tiles with a squeegee, working it fully into the joints. After the grout surface has become fairly firm, spread more grout onto the surface to level the joints. After the grouting process is completed, wipe the surface of the tiles with dry cloth until the entire excess grout is removed.

### Important note

Some types of tiles may stain when in contact with colored cement-based grouts. Therefore, it is advisable to carry out small area trial before use.

## Cleaning

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

## Storage and shelf life

To maintain its quality and suitability for use, the product should be stored in its unopened packaging, off the ground on pallets or similar structures, in a cool and dry environment. When stored under these recommended conditions, the product remains suitable for use for 12 months from the manufacturing date stated on the packaging.

## 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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- Bonding Agents.
- Exterior Façade Coatings.
- Premixed Firing Coats, Renders & Mortars.
- Putties (stucco).
- Sealers & Emulsion Paints.