

## UniGrout® 350

**Cement-based, sanded finish, color decorative grout for wide tiles' joints**

### Description

**UniGrout 350** is a single component, cement-based, polymer modified, color tiles' grout. When mixed with the correct quantity of water, it provides easy to apply, thixotropic mortar with unique workability properties, water retention and adhesion. **UniGrout 350** is used as a color decorative, water resistance and hard-wearing sanded finish tile grout. It is ideal for grouting joints from 4 to 20 mm wide.

### Features and benefits

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

### Recommended for

**UniGrout 350** is used for grouting interior and exterior floor and wall tiles' joints. This includes ceramic, porcelain, marble, terrazzo, natural stone tiles...etc.

Main application areas include:

- Submerged areas such as swimming pools and water tanks.
- Wet areas such as bathrooms, kitchens, balconies and shower rooms.
- Warehouses, factories, workshops and parking areas.
- Façade tiles
- Heavy foot traffic areas such as classrooms and institutes.
- Industrial flooring where chemicals resistance is not required.

### Composition

**UniGrout 350** is composed of high strength Portland cement, well graded silica sand, inorganic pigments, mineral charges and compound of chemicals to improve adhesion and workability.

### Packaging

**UniGrout 350** is available in 5 & 20 kg bags.

### Coverage

30 meters run/kg for tile joint 6 mm width X 3 mm depth.

1 Kg of **UniGrout 350** can be used for grouting 1.4 m<sup>2</sup> using 300 X 300 X 8 mm tiles size and 8 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	1.65 kg/liter
Tensile adhesion strength	>0.5 N/mm <sup>2</sup>
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 350** application. The joints between the tiles must be clean and sound before the application of **UniGrout 350**. Ensure that the tiles' joints are dry at the time of application.

### Mixing

**UniGrout 350** mortar can be obtained by mixing a 20 kg bag of **UniGrout 350** with 4.4±0.5 liters of clean water. Add the mixing water into clean container and then add **UniGrout 350** slowly while mixing. Mix using slow speed drill fitted with suitable mixing paddle or a high shear stationary mixer. Mix for 3-5 minutes till a fully homogeneous mortar consistency is achieved. Leave the paste to stand for 5 minutes. Re-mix again for 2

minutes. Do not over mix. MIX AND USE. Mix material that can be applied within 120 minutes (pot life).

Partial small quantities may be mixed manually using suitable hand tools.

### Application

Do not apply **UniGrout 350** 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.

When this has firmed up, use a flat, damp sponge and wipe the surface of the tiles 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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- Concrete Repair.
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- Bonding Agents.
- Exterior Façade Coatings.
- Premixed Fairing Coats, Renders & Mortars.
- Putties (stucco).
- Sealers & Emulsion Paints.