

UniDécor® 777

Cement-based, decorative, medium graffiato finish render

Description

UniDécor 777 is a single component, cement-based, factory pre-blended, polymer modified, colored top coat mortar most suited to give medium graffiato texture finish (medium scratches' surface). **UniDécor 777** can be applied manually using suitable hand tools or by spraying machine. After drying, it gives high quality color decorative render with minimum color fading.

Features and benefits

- Exceptional and consistent quality.
- Established track record in varying climatic conditions.
- Suitable for interior and exterior applications.
- Excellent workability with extended open time.
- Gives exceptional aesthetic appeal finish.
- Good adhesion bond strength, whilst allowing the structure to breath.
- Good colors' stability against UV rays and sunlight.
- Efflorescence is very low compared with conventional decorative renders.

Recommended for

UniDécor 777 can be applied where color decorative fine graffiato finish render is required. These areas are widely available in compounds, resorts, clubs, schools, shopping centers, private & commercial buildings and villas.

Composition

UniDécor 777 is composed of high strength Portland cement, well-graded fillers, inorganic UV stable pigments, and special additives to enhance workability, water retention and adhesion.

Packaging

UniDécor 777 is available in 25 & 50 kg bags.

Coverage

Approximately 2.75 kg/m².

Note:

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

Technical data

Powder density	1.55 kg/liter
Pot Life	90 minutes @ 20°C
Grain Size	<2 mm
Application thickness	2.00 – 6.00 mm/layer
Compressive strength (ASTM C579)	>12.0 N/mm ² 28 days
Sandability	Pass
Heat resistance (60° 24 hours)	Pass
Alkali resistance	Pass
Adhesion to concrete	>1.0 MPa
Water absorption (24 hours)	4.18%
Effect of UV exposure wave length 312 nm for 200 hours ASTM G154	No cracking, blistering and chalking
Colors	Available in 22 standard colors*

*Consultants are advised to consult the ACC Façade Color Chart and, whenever possible, obtain physical samples for accurate specification.

Surface preparation

The recommended substrates are cement rendered and concrete substrates. Do not apply to gypsum plaster or previously painted surfaces. All surfaces must be sound, clean, dry and free from dust, oil, grease, laitance and any material which may impair adhesion. Surface defects such as cracks, pin holes etc. must be filled. Any faults in the structure,

particularly those which may lead to moisture penetration must be rectified.

Scaffolding must be independently tied to allow for an uninterrupted application.

Feature stops may be formed using clean straight timber battens. Use masking tape as required. It should be removed before the material has dried.

Wet down the substrate with water prior to the application to control suction.

Surface sealing

For porous substrates, apply one coat of **AcrySeal 799** as a penetrating sealer coat to seal the prepared substrate and improve the adhesion (optional).

Mixing

Mechanically mix using slow speed drill fitted with mixing paddle. Partial small amounts may be mixed manually using suitable hand tools. Gradually add the content of the **UniDécor 777** bag to 5.75 - 6.25 liters of water and mix for 3 to 5 minutes. Do not over mix. Mix until homogeneous, free of lumps mortar consistency is achieved.

Mix material that can be applied within 90 minutes (pot life). If the mortar has been allowed to stand for 5 – 10 minutes, remix it to regain a workable consistency (do not add extra water).

To ensure color consistency, the quantity of mixing water should be strictly monitored between batches. The mixing time between batches should remain consistent.

Application

The workforce should be suitable for the work space. Maintain a steady flow of application and keep a wet edge on all incomplete edges. Nylon, steel, sponge trowel or other hand tools may be used to spread the material.

UniDécor 777 can be applied at application thickness from 2.00 to 6.00 mm/layer. If more thickness is required, apply **UniDécor 777** in two layers.

Apply a uniform coat of **UniDécor 777** using steel trowel. Float finish to produce a smooth and even surface. Finish the surface in vertical, horizontal or circular motion to create the desired final texture using sponge trowel. Sponge trowel or other tools may be used to obtain different aspects.

No curing is required.

Important notes

- Apply only when the ambient temperature is between 5°C and 40°C. Avoid application under extreme temperatures.
- Ensure the surface remains dry during application. Avoid rainfall or any water exposure until the coating is fully cured.
- Do not apply on movement joints to maintain the integrity of the coating.
- Use materials from the same batch for uniformity. If different batches are used, thoroughly mix them together before application.
- Complete panels in one continuous sequence to prevent cold joints and visible marks between applications.
- Ensure that the workforce size and skills are appropriate for the work area and project requirements.
- For optimal results, apply **UniDécor 777** in one go to minimize cold joints and ensure a seamless finish.
- Divide larger areas into manageable sections using suitable plastering accessories.
- Terminate the application of **UniDécor 777** at least 15 cm above the finishing level, using appropriate skirting materials to maintain durability.
- To ensure protection against frequent water splashing, seal the final surface of **UniDécor 777** with **AcrySeal 799**.
- For additional durability, apply a single coat of **UniSeal 910**, which offers excellent resistance to dirt and dust pick up.

Cleaning

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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.

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- Waterproofing.
- Flooring.
- Tile Adhesives & Grouts.
- Concrete Repair.
- Non-Shrink Grouts.
- Bonding Agents.
- Exterior Fa ade Coatings.
- Premixed Fairing Coats, Renders & Mortars.
- Putties (stucco).
- Sealers & Emulsion Paints.