

UniDécor® 777F

Cement-based, decorative, smooth finish render

Description

UniDécor 777F is a single component, cement-based, factory pre-blended, polymer modified colored top coat mortar most suited to give smooth texturing finish render. **UniDécor 777F** can be applied manually using suitable hand tools or by spraying machine. After drying, it gives high performance, 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.
- High 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 777F is the ideal solution where color decorative smooth finish render is required especially in coastal areas. These areas are widely available in compounds, resorts, clubs, schools, shopping centers, private & commercial buildings and villas.

Composition

UniDécor 777F 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 777F is available in 25 & 50 kg bags.

Coverage

Approximately 2.4 kg/m².

Note:

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

Technical data

Powder density	1.45 kg/liter
Pot Life	120 minutes @ 20°C
Grain Size	<1.2 mm
Application thickness	1.50 – 4.00 mm/layer
Effect of UV exposure wave length 312 nm for 200 hours ASTM G154	No cracking, blistering and chalking
Distilled water resistance 24 hours ASTM C413	2.43%
Adhesion to concrete ASTM C321	1.0 MPa
Heat resistance (70° 24 hours)	Pass
Alkali resistance for mixture	Pass
Sandability	Pass
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-based substrates. All surfaces must be sound, clean, suitably dry and free of any material which may impair adhesion. Scaffolding must be independently tied to allow for an uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration must be rectified. Feature stops may be formed using clean

straight timber battens. Alternatively, suitable beads may be used. Edging tape must be removed before the material has dried. Expansion joints should be included as required by the substrate and carried through all applied materials.

Do not apply to gypsum plaster or previously painted surfaces. Wash the substrate with water prior to the application. Ensure that the substrate is dry at the time of application.

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

The content of **UniDécor 777F** 25 kg bag should be mixed with 6.25 – 6.75 liters of clean water using either a suitable render spray machine, drill fitted with mixing paddle or tumble mixer. Partial small amounts may be mixed manually using suitable hand tools.

To ensure color consistency, the materials required for complete and adjoining panels should be of the same batch or be thoroughly mixed together before use. For best results, use as little water as possible and mix to give a workable consistency.

Mix material that can be applied within 120 minutes (pot life).

UniDécor 777F may stiffen on standing. Remix product to regain a workable consistency but 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

Apply a scratch coat of **UniDécor 777F** to avoid in-consistent colors. Leave it for 1-3 hours to dry dependent on external conditions. Apply a uniform coat of **UniDécor 777F** at application thickness from 1.50 to 4.00

mm/layer. Structure the layer with steel trowel before the surface starts to dry. Finish the final layer in vertical, horizontal or circular motion. Sponge trowel, soft sponge or other tools may be used to obtain different aspects.

Protect the applied **UniDécor 777F** layer from direct sunlight till it dries. 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 777F** 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 777F** 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 777F** 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 Façade Coatings.
- Premixed Fairing Coats, Renders & Mortars.
- Putties (stucco).
- Sealers & Emulsion Paints.