

UniDÉcor® 705

Cement-based, decorative, graffiato finish render

Description

UniDÉcor 705 is a high-performance, single-component, cement-based, polymer-modified colored top-coat mortar. Designed for durability, it features a graffiato-textured decorative finish with exceptional durability and minimal color fading.

This versatile mortar can be easily applied either manually using hand tools or mechanically with a spraying machine.

Once dried, it achieves the ideal balance of aesthetics and lasting functionality, making it a reliable choice for a refined surface finish.

Features and benefits

UniDÉcor 705 sets the new benchmark in decorative renders, offering an unmatched combination of performance and aesthetics:

- **Unrivaled quality:** Delivers consistently exceptional results, earning trust across a wide range of projects.
- **Proven durability:** Performs flawlessly in both interior and exterior applications, maintaining reliability even in challenging climatic conditions.
- **Effortless application:** Engineered for superior workability and extended open time, ensuring precision and ease during use.
- **Aesthetic brilliance.** Creates a flawless decorative finish with outstanding visual appeal that stands the test of time.
- **Reliable strength.** Provides exceptional adhesion bond strength while allowing surfaces to breathe, ensuring long-term structural integrity.
- **UV and sunlight resistance.** Maintains vibrant color stability, resisting fading even under prolonged UV exposure.
- **Minimized efflorescence.** Outperforms conventional decorative renders by significantly reducing efflorescence, keeping surfaces pristine.

Recommended for

UniDÉcor 705 is the ultimate choice for achieving a graffiato, colored decorative finish, particularly in coastal areas. Its exceptional performance and durability make it ideal for a wide range of applications, including compounds, resorts, clubs, schools, shopping centers, private and commercial buildings, as well as luxurious villas.

Composition

UniDÉcor 705 is expertly engineered using high-strength Portland cement, well-graded fillers, and UV-stable inorganic pigments to deliver outstanding durability and vibrant, long-lasting color. Enhanced with advanced additives, it ensures exceptional workability, optimal water retention, and superior adhesion.

Technical data

Powder density	1.7 kg/liter
Pot Life	120 minutes @ 20°C
Grain Size	<3 mm
Application thickness	3 – 7 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	2.1%
Adhesion to concrete ASTM C321	1.1 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.

Packaging

UniDécor 705 is available in 25 & 50 kg bags.

Coverage

Approximately 3.25 kg/m².

Note:

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

Surface preparation

- The recommended substrates are cement-based. Do not apply the material to gypsum plaster or previously painted surfaces.
- Ensure that all substrates are sound, clean, sufficiently dry, and free from any substances that may impair adhesion.
- Address any structural faults, especially those that could lead to moisture penetration, before application.
- Scaffolding should be independently secured to enable uninterrupted application.
- Feature stops can be created using clean, straight timber battens or, alternatively, appropriate beads. Remove any edging tape before the material dries.
- Incorporate expansion joints as needed, ensuring they are carried through all layers of applied material. Before application, wash the substrate with water and allow it to dry to manage suction effectively.

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

For mechanical mixing, use a suitable batch mixer or a continuously mixing spray render

machine. Alternatively, a slow-speed drill fitted with a mixing paddle can be used.

Small amounts may be mixed manually with appropriate hand tools. Gradually add the contents of the 25 kg bag to 6.25 - 6.75 liters of water and mix for 3–5 minutes. Use the minimum amount of water necessary for the best results.

Mix until a homogeneous, lump-free, mortar-like consistency is achieved. Avoid overmixing.

Prepare only the quantity of material that can be applied within 120 minutes (pot life). If the **UniDécor 705** mortar begins to harden, remix it to regain workable consistency, but do not add extra water.

To maintain consistent color, closely monitor the quantity of mixing water used across batches and keep the mixing time uniform between batches.

Application

- Use nylon, steel, sponge trowels, or other hand tools to spread the material.
- **UniDécor 705** can be applied at a thickness of 3.00 to 7.00 mm per layer. For greater thickness, apply **UniDécor 705** in two layers.
- Apply a uniform coat of **UniDécor 705** using steel trowel.
- Maintain a steady flow and keep a wet edge on all unfinished sections.
- Float finish to produce an even surface. Finish the final layer in vertical, horizontal or circular motion to create the desired final texture using sponge trowel.
- 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.

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- 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 705** 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 705** 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 705** with **AcrySeal 799**.
- For additional durability, apply a single coat of **UniSeal 910**, which offers excellent resistance to dirt and dust pick up.

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.

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A wide range of construction chemicals, specialty mortars and specialized building materials are manufactured by ACC which include:

- 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.