

UniDÉcor® 727TZ

Cement-based, decorative, terrazzo finish render

Description

UniDÉcor 727TZ is a single component, cement-based, factory pre-blended, polymer modified colored top coat mortar most suited to give terrazzo finish render. **UniDÉcor 727TZ** can be applied manually using suitable hand tools. After drying, it gives high performance, color, decorative polished terrazzo render.

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 727TZ is the ideal solution where color decorative polished terrazzo 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 727TZ 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 727TZ is available in 25 & 50 kg bags.

Coverage

Approximately 17.5 kg/m²/10 mm.

Note:

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

Technical data

Powder density	1.75 kg/liter
Pot Life	90 minutes @ 20°C
Grain Size	<4 mm
Application thickness	15 - 25 mm/layer
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 substrate is cement-based render. It should be sufficiently cured so that any shrinkage has already occurred. It should have suitable grooves to create mechanical key for **UniDÉcor 727TZ**. 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 727TZ** bag should be mixed with 5.25 – 5.75 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 90 minutes (pot life). **UniDécor 727TZ** may stiffen on standing. Remix product to regain a workable consistency but do not add more water.

Application

To get leveled walls, straight edge glass or brass bars should be erected. Apply a thick bonding coat of **UniDécor 727TZ** as a thrown coat onto the prepared substrate. Ensure that the final surface is textured surface. While the bonding coat is still green, apply a uniform coat of **UniDécor 727TZ** at application thickness from 15 to 25 mm. Structure the layer with steel trowel before the surface starts to dry. Protect the applied **UniDécor 727TZ** layer from direct sunlight till it dries. No curing is required. Let **UniDécor 727TZ** to cure for two days maximum. Then polishing process should take place using suitable grinding stones.

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 727TZ** 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 727TZ** at least 15 cm above the finishing level, using appropriate skirting materials to maintain durability.

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

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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.