

AcryShield 740F

High performance, vinyl copolymer-based, smooth finish coat

Description

AcryShield 740F is a premium, single-component, vinyl copolymer-based coating designed to deliver a smooth textured finish with exceptional decorative appeal.

It can be easily applied manually using standard hand tools. Once dried, it forms a high-performance, flexible, and durable layer capable of accommodating significant natural movements.

Features and benefits

- Delivers exceptional, consistent quality across all applications.
- Proven performance in diverse climatic conditions.
- Ideal for both interior and exterior use.
- Effectively resists dirt buildup from rainwater.
- Keeps façades looking pristine for extended periods.
- Ready-to-use formula—no mixing required.
- Provides an aesthetically appealing, high-quality finish.
- Offers excellent adhesion and bond strength.
- Features a durable coating with high abrasion and scuff resistance.
- Combines superior protection with a decorative textured appearance.
- Maintains color stability under UV rays and prolonged sunlight exposure.

Recommended for

AcryShield 740F delivers the perfect blend of vibrant colors, decorative appeal, and enduring protection. Specially engineered to perform in demanding environments, it stands out as a smooth textured finish coat, ideal for coastal areas. Its versatility makes it the perfect choice for a wide range of applications, including compounds, resorts, clubs, schools, shopping centers, private and commercial buildings, and villas.

Composition

AcryShield 740F is designed with a vinyl copolymer-based binder to ensure superior performance. It is enhanced by the inclusion of carefully selected quartz and specialized fillers.

For its colored variant, the formulation incorporates inorganic, UV-resistant pigments, providing exceptional color stability and durability.

Packaging

AcryShield 740F is available in 25 kg bags.

Coverage

Approximately 2.25 kg/m².

Note:

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

Technical data

Specific gravity	1.70 kg/liter
% Solid content by volume	70 ± 3
Grain Size	<0.6 mm
Application thickness	1.50 – 2.00 mm/layer
Drying time (at 20°C and 60% relative humidity)	Touch dry: 30 – 60 minutes
	Re-coat: 4 - 5 hours
	Hard dry: 24 hours
Colors	Extensive range of colors can be achieved*

* 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 plaster, concrete, blockwork, and gypsum board.

- Ensure all surfaces are structurally sound, clean, dry, and free from materials that may hinder adhesion.
- Scaffolding should be securely tied and positioned to allow uninterrupted application.
- Prior to application, resolve any structural defects that could compromise the integrity of the surface by allowing moisture infiltration.
- Feature stops can be created using clean, straight timber battens or appropriate beads.
- Remove edging tape carefully before the material sets to ensure clean edges.
- Incorporate expansion joints as required by the substrate, ensuring they extend through all applied materials.
- Before application, wash the substrate with water to prepare the surface.

Surface sealing

Apply a single coat of **AcrySeal 799** as a penetrating sealer to prime the prepared substrate and enhance adhesion for subsequent layers.

Application

- Use a spatula, stainless steel trowel, or other suitable hand tools to spread the material effectively.
- Thoroughly stir **AcryShield 740F** before use to ensure a uniform consistency.
- The material can be thinned with water, up to 0.5% (equivalent to 125 g of water per 25 kg bag).
- Apply an even coat of **AcryShield 740F** with a metal trowel, maintaining a thickness of 1.50 to 2.00 mm per layer.
- Allow approximately 5 minutes after application, then use a plastic trowel to achieve the desired final texture.
- When finishing the final layer, create texture using vertical, horizontal, or circular motions.

- Protect the applied **AcryShield 740F** layer from direct sunlight until it fully dries to ensure proper curing.

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 **AcryShield 740F** 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 **AcryShield 740F** 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

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conditions, the product remains suitable for use for 12 months from the manufacturing date stated on the packaging.

Health and Safety

Ensure proper ventilation during use and wear suitable protective clothing for personal safety. In the event of skin contact, promptly wash the affected area with soap and water. For eye contact, rinse thoroughly with plenty of water and seek medical advice immediately. Dispose of excess material responsibly. Avoid discharging it into water sewers or drainage systems. Comply with all local environmental laws and regulations during usage and disposal. A Material Safety Data Sheet (MSDS) is available for this product.

For comprehensive information on health and safety risks, as well as precautions, refer to the product's MSDS.

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.