

AcryShield 750-HB

Acrylic-based, fine graffiato finish coat

Description

AcryShield 750-HB is a high-quality, single-component coating with a vinyl copolymer base, specifically designed to create fine graffiato-textured finish that exudes exceptional decorative appearance. Its user-friendly formulation allows for effortless application using standard hand tools.

Once cured, it forms a durable, flexible, and high-performance layer that seamlessly adapts to natural movements.

Features and benefits

- Exceptional and consistent quality.
- Established track record in varying climatic conditions. Suitable for interior and exterior applications.
- Resist the effect of the dirt in rain water.
- Keep your façade looking great for longer period.
- Gives exceptional aesthetic appeal finish.
- High adhesion bond strength.
- High abrasion and scuff resistance coating. Combines maximum protection with decorative textured appearance.
- Good colors' stability against UV rays and sunlight.

Recommended for

AcryShield 750-HB delivers the perfect blend of vibrant colors, decorative appeal, and enduring protection. Specially engineered to perform in demanding environments, it stands out as a high-build, fine graffiato 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 750-HB 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. Colored **AcryShield 750-HB** is enhanced with inorganic, UV-resistant pigments, delivering superior color stability and exceptional long-term durability.

Packaging

AcryShield 750-HB is available in 25 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

Density	1.61 gm/cm ³
% Solid content by volume	77 ± 3
Grain Size	<1.5 mm
Application thickness	1.50 – 3.00 mm/layer
Drying time (at 25°C)	Touch dry: 60 minutes
	Re-coat: 2 hours
	Hard dry: 24 hours
Adhesion to concrete	0.75 MPa
Impact resistance	Pass (50 cm high)
Alkali resistance	Pass
Distilled water resistance	Pass
Wet scrub resistance	Over 2000 cycles
Crack bridging	1.5 mm
Anti-carbonation (Gm/m ² . Day)	2.99 C1
Accelerated weathering (UV exposure - wave length 312 nm 213 hours)	Pass No cracks, blistering or chalking
Colors	Extensive range of colors can be achieved*

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* 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, block work and gypsum board. 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 dries. Expansion joints should be included as required by the substrate and carried through all applied materials. Wash the substrate with water prior to the application.

Surface sealing

Apply one coat of **AcrySeal 799** as a penetrating sealer coat to seal the prepared substrate and improve the adhesion.

Application

Spatula, stainless steel trowel or other hand tools may be used to spread the material. Stir **AcryShield 750-HB** thoroughly till you achieve a uniform consistency before use. It could be thinned with water up to 0.5% (125 gm of water / 25 kg bag). Apply a uniform coat of **AcryShield 750-HB** at application thickness from 1.50 to 3.00 mm/layer using metal trowel. Wait approximately 5 minutes then create the desired final texture using a plastic trowel. Finish the final layer in vertical, horizontal or circular motion. Protect the applied **AcryShield 750-HB** layer from direct sunlight till it dries.

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 750-HB** 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 750-HB** 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

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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.