

## AcryShield 750-HB

Acrylic-based, fine graffiato finish coat

### Description

**AcryShield 750-HB** is a single component, acrylic-based colored coat most suited to give fine graffiato texture finish. **AcryShield 750-HB** can be applied manually using suitable hand tools. After drying, it gives high performance, color, decorative coat.

**AcryShield 750-HB** has a degree of flexibility. It is able to accommodate relatively higher natural movement and cover minor cracks up to 1.5 mm width.

### 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** is the ideal solution where color, decorative & protective fine graffiato finish coat is required especially in coastal areas. These areas are widely available in compounds, resorts, clubs, schools, shopping centers, private & commercial buildings and villas.

### Composition

**AcryShield 750-HB** is formulated around acrylic-based binder. It contains special types of quartz, coarse aggregate and fillers. For colored product, it is based on inorganic UV stable pigments.

### Packaging

**AcryShield 750-HB** is available in 25 kg bags.

### Coverage

Approximately 2.4 kg/m<sup>2</sup>.

#### 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 <sup>3</sup>
% 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 <sup>2</sup> . 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*

\*Consultants should consult ACC façade renders color chart. Whenever possible, obtain samples prior to 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

Do not apply if ambient temperature is below 5°C or higher than 40°C. Do not apply during rainfall. Keep well away from rainfall and other water sources until coat is fully dry. Do not apply on movement joints. The materials required for complete panels should be of the

same batch or to be thoroughly mixed together before use. Panels should be completed in a continuous sequence to eliminate cold joints and marks between different applications. The workforce should be suitable for the work space. It is advisable to apply **AcryShield 750-HB** in one stop to eliminate cold joints and marks between different applications. Big size area may be split into smaller areas using suitable plastering accessories. It is recommended to stop **AcryShield 750-HB** above the finishing level by 15 cm minimum. Use suitable skirting material.

### Cleaning

Clean tools with water immediately after use. Hardened materials should be cleaned mechanically.

### Storage and shelf life

If stored unopened in a dry place at a temperature between +5°C and +30°C away from sources of heat and moisture, shelf life is 12 months from the date of manufacture printed on the pack.

### Health and Safety

Use under well ventilated conditions wearing suitable protective clothes. In case of skin contact wash with water and soap. In case of eye contact, wash thoroughly with plenty of water and seek medical attention. Excess material should never be spilled in water sewers. At all-time local environmental laws and regulations should be maintained.

A MSDS for the product is available. Detailed information regarding health and safety risks and precautions for the use of this product is specified in 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](http://www.acc.com.eg).***