

NewStar 901

High quality, acrylic-based emulsion paint

Description

NewStar 901 is a high quality, acrylic-based emulsion paint. It can be applied by brush, roller or airless spray machine.

Features and benefits

- Good hiding power. Provides excellent coverage with minimal coats.
- Complies with the requirement of the Egyptian Standard Specification no. 1539.
- Good resistance to cracking, peeling and chalking.
- Provides a durable, smooth, matt, and washable finish.
- Water based. Environmentally friendly.
- Available in good whiteness and extensive range of colors. Please consult ACC Coatings Color Chart. Whenever possible, obtain physical samples for accurate specification.

Recommended for

NewStar 901 is used as a high-quality coat for walls and ceilings. It is suitable for interior applications.

The ideal substrates are cement-based putty, stucco, concrete, cement-based render, gypsum board, block work and previously painted emulsion surfaces.

Composition

NewStar 901 is formulated around acrylic, water-based resin, special fillers and additives.

Packaging

NewStar 901 is available in 15 kg pails.

Coverage

5.25 – 6.5 m²/kg/coat.

Note:

Coverage rate takes no account of wastage and may vary according to dilution and the type of surface involved.

Technical data

Density	1.55 – 1.60 kg/liter
Solid content by volume	>50%
Drying time (at 20°C and 60% relative humidity)	Touch dry: 30 minutes
	Re-coat: 2 - 4 hours
Heat resistance (60° - 48 hours)	Pass
Wet scrub resistance	>5000 cycles
Distilled water resistance	Pass
Weathering	Pass
Accelerated weathering UV exposure wave length 312 nm 200h	No chalking, blistering, cracking and checking
VOC SCAQMD Rule 1113	Pass
Thinner	Water

Surface preparation

Cement-based plaster

Ensure all surfaces are structurally sound, clean, dry, and free from contaminants that may affect adhesion.

Remove surface laitance using an appropriate method, such as wire brushing, sanding, or grinding, to enhance adhesion.

Repair blowholes and surface defects with **UniPutty 100** to achieve a smooth, even substrate suitable for coating.

Thoroughly wash the substrate with clean water, ensuring excess moisture is removed before application to prevent adhesion issues.

Coated substrates

Verify that the existing coating is firmly adhered and free from peeling or flaking.

Remove surface chalking by dry brushing or using a damp cloth to ensure proper adhesion. Lightly abrade the surface with fine emery paper (220-400 grit) to promote adhesion without damaging the coating.

Clean the substrate with water to remove residual dust or contaminants. Ensure excess moisture is completely eliminated before application to prevent adhesion issues.

Sealing

To optimize adhesion and ensure a uniform finish, apply one coat of **MagicSeal 900** over the prepared substrate.

MagicSeal 900 reduces surface porosity, stabilizes absorbent substrates, and improves long-term paint adhesion and durability.

Putty (Optional, based on surface condition)

For a smooth, uniform surface free from imperfections, apply one or two coats of **UniPutty 150** or **UniPutty 100**.

Mixing

Stir thoroughly until the mixture reaches a uniform consistency for best application results.

First coat : 15 – 20% with water.

Second coat : 5 – 10% with water.

Application

Apply **NewStar 901** evenly to the prepared substrate using a brush, roller, or airless sprayer, ensuring uniform coverage.

Allow the first coat to dry for a minimum of 4 hours at 20°C before applying the second coat. Apply each layer in a consistent direction to avoid cold joints and visible marks, ensuring a smooth and professional finish.

Depending on the specific area of application, alternative systems may be recommended. For further technical advice, please consult **ACC Technical Department**.

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 is not considered dangerous according to the current regulation regarding the classification of mixtures. It should not be ingested. 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.