



PRODUCT DESCRIPTION

STARPROOF WF WALL COAT CLASSIC is a special acrylic polymer based decorative & waterproof coating. It has excellent flexibility and thixotropic nature, is ideal for use on vertical exterior surfaces. Due to its white color, it has excellent solar reflectance capacity. It does not contain lead or mercuric compound.

BENEFITS

- Life and durability of the structure is increased.
- Easy application, no machinery required.
- Provides seamless and joint free seal throughout the surface, which is impervious to water.
- Lower labor cost due to easy, simple, and quick application, leading to quick completion and time saving.
- Provides insulation due to solar reflection.
- Excellent bonding to most building materials.

USES

- It is suitable for interior and exterior decorative coating.
- Excellent weather resistance protects surface against the extremes.
- Suitable for horizontal as well as vertical surfaces.
- Application of New as well as old surfaces.
- Non-yellowing and fade resistant.
- Water proofing of flashing, roof edgings, gully, steeply pitched designs, etc.
- Excellent Adhesion to a wide variety of substrates.
- **STARPROOF WF WALL COAT CLASSIC** is optimally suitable for application on structures having complicated geometry like domes, arches, shells, folded plates, paraboloids, corrugated sheets, etc.
- 100% Acrylic emulsion forms a breathable film that resists blistering and peeling caused by moisture.

TECHNICAL DATA SHEET

Appearance	Viscous Liquid
Solid %	55 ± 2 (ASTM D 1644-03)
Color	White/Other available colors

Specific Gravity	1.26 ± 0.05 (ASTM D 1475-03)
Tack Free time @ 25° C	2 to 3 hours
Application temperature	5° C minimum
UV Resistivity	Good
Flash point	Non – Flammable
Drying Time@ 35° C	08 - 12 hrs.
Tensile Strength (MPa)	>2.1 (ASTM D 412-98a)
Elongation	>190% (ASTM D 412)
Pull off Adhesion strength (MPa)	>1.50 (ASTM D-4541)
Solar Reflective index (SRI)	110 (SRTL/SOP/17)
Tensile Set Recovery	98 % (SRTL/SOP/14)
Crack Bridging (ASTM-C836)	Passes
Coverage	30-35 sq. ft/kg in 2 coats.
Algae and fungal resistant	No growth
Dry Film Thickness	130 µm achieved in 2-coats

APPLICATION OF MEMBRANE

SURFACE PREPARATION

- All new cement-sand renderings /concrete surfaces should be allowed to age 6 to 8 weeks before surface coating.
- Surface for treatment must be thoroughly cleaned of all laitance, loose material, oil, grease, etc. by mechanical means such as wire brushing & shot blasting .
- Finally vacuum cleaning of all loose solids and liquids can be done, if required.
- All surface cracks upto 5 mm width should be filled up with STARFIX ACF 609. Cracks more than 5 mm and all separation gaps should be filled up with STARBOND SBR SUPER modified mortar or as specified.

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Priming

Prime the surface with STARPROOF SUPERPRIME and allow it to dry for 2 to 3 hours

Application

- Use Wallcoat Classic directly from the container. Stir contents well before use.
- Apply two neat coats of Wallcoat classic without dilution by brush or roller at a time interval of 5-6 hours.
- For enhanced protection, apply additional coat of Wallcoat Classic on rain lashing walls, chajjas and parapet walls.
- Allow the coated surface to air cure fully for 7 days

PRECAUTIONS & LIMITATIONS

- Recommended to be primed with **STARPROOF SUPERPRIME** only.
- Do not apply when ambient temperature is below 5°C or above 45°C.
- Do not apply during rains.
- Adhesion property may get effected over poor quality putty and very smooth surfaces.
- Make sure the surface has a pull off strength more than 1.5 MPa.
- When applying on a concrete surface make sure the concrete is completely cured.
- Application when rain threatens should be avoided for all substrates. The application at temperatures below 5°C will result particularly in case of thick coats, incomplete film formation and consequent reduced elasticity of the film as well as the possibility of formation of cracks in the coating.
- Low temperatures and high atmospheric humidity (such as fog) will slow down curing rate, and vice versa.

HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed

immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

SKIN CONTACT: Flush with water or soap and water till all traces have been removed. Seek medical attention if required.

STORAGE & SHELF LIFE

Shelf life is 12 months in unopened container. Store away from sunlight and preferably below 30°C. Storage should be frost protected.

PACKING

STARPROOF WF WALL COAT CLASSIC is available in 1, 5, 10, 20 kg. pail, 50,200 kg.

WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and our responsibility is limited to the quality of supplies with no guarantee of the results in the field, as manufacturer has no control over site conditions or execution of work.

DISCLAIMER

The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

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