



# StaRoof WF-AC-601

(High Build Waterproof Coating)

## DESCRIPTION

**STAROOF WF-AC-601** is a special acrylic resin based water proof coating. It has excellent flexibility and thixotropic nature, is ideal for use on vertical as well as horizontal surfaces. It is single pack, very economical and pollution free water proof coating. Due to its white Color, it has excellent solar insulation capacity. It doesn't contain Lead or Mercuric compound.

## ADVANTAGES

- Life and durability of the structure is increased.
- Easy application, no machinery required.
- Light weight compared to conventional roofing systems, thereby loading on the roofs is reduced.
- 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.

## FIELD OF APPLICATION / USES

- Water proofing of plaza, car park deck.
- Water proofing cum decorating of external plastered walls.
- Water proofing of new surfaces as well as for the repairs of old surface, whether previously treated or not.
- Suitable for horizontal as well as vertical surfaces like flashings.
- Water proofing of roof slabs, terraces, balconies, sun shades (chajjas), parapet walls, etc.

- Water proofing of flashing, roof edgings, gully, steeply pitched designs, etc.
- **STAROOF WF-AC-601** provides additional water proofing and protection when used as base and/or intermediate coat in brick bat coba and/or IPS floorings.
- **STAROOF WF-AC-601** is optimally suitable for application on structures having complicated geometry like domes, arches, shells, folded plates, paraboloids, corrugated sheets, etc.
- For garden, swimming pools, basement, sandwich application is recommended. For details, refer our technical department.

## APPLICATION INSTRUCTIONS

Surface should be free from oil, grease and loose particles. In case of metal surface remove rust and contamination (Apply Metal Primer) for better protection. If the surface has been already treated with asphalt or bitumen coatings or roofing felts and any blisters, peel-off traces, loose laying, etc. must be cut away and be properly filled. Masonry joints must be flush jointed. In case of tiling the roof, terrace, balcony or sun shade, the joints between the tiles should be properly filled to avoid water penetration through the joints. Mix well the container. Apply primer coat of **STAROOF WF-AC-601** i. e. 25% - 30% diluted with water by brush, spray or roller. After the primer coat is completely dried, apply minimum two coats of undiluted **STAROOF WF-AC-601**. It is very important to ensure each coat is totally cured (i.e. 8 hours at 30°C) before the next coat is applied. For better result use **GLASS FIBRE REINFORCING AGENT** embedded into first coat of **STAROOF WF-AC-601** while still wet mainly expansion areas joints with parapet.

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All brushes and tools should be cleaned by water immediately after use.

**STAROOF WF-AC-601** can be diluted with water (5-10%) for easy application.

**COVERAGE (ASTM C – 4075)**

Coverage depend upon the nature of the surface to be applied. But on average, smooth surface will give

First Coat - 350 gm/sq.mt. & 300 gm/sq.mt.  
(Second coat) Two coats will give ½ mm dry film thickness.

**STORAGE**

Minimum 12 months in unopened container. Store away from sunlight and preferably below 30°C.

**PACKING**

**STAROOF WF-AC-601** is available in 20 kg. pail, 200 kg. Metal drum.

**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.

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

**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.

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#### TECHNICAL DATA

Solid %	60 ± 5
Color	White, Grey
Specific Gravity @ 25° C	1.35 ± 0.10
Coat thickness	Approx. 1 mm wet film
Curing time @ 20° C	Approx. 48 hours
Application temperature	+5° C minimum
UV Resistivity	Good
Flash point	Non – Flammable
Drying Time	20 – 30 minutes

#### 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 responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.*

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