



STARPROOF WF-AC-500

(Acrylic Polymer Waterproof Coating)

DESCRIPTION

STARPROOF WF-AC-500 is a one part Acrylic based polymer along with liquid additives. Finds use as a waterproof membrane for terraces, balconies and roof slabs. It accommodates limited crack movement in underlying surfaces. Bonds excellently to most building materials thus becoming a part of concrete repair

USES

- Water proofing of basements, toilet, terraces, roofs, swimming pools, water tanks, bridge decks etc.
- Used in general concrete repairs and in places where high bond strength is required
- Finds use for protection of concrete against corrosion, salt attack

OUTSTANDING FEATURES

- **STARPROOF WF-AC-500** is a durable Polymer based waterproof coating.
- It effectively protects against concrete decay.
- It is Non-toxic hence environment & user friendly.
- Can be applied fast and with ease.
- Gives excellent adhesion to cementitious substrates.
- Very cost effective & hence economical
- Gives strong bond between old and new concrete

SURFACE PREPARATION

The surface must be thoroughly cleaned and should be free of dirt, dust, grease, oil and loose particles. The concrete should be dry and smooth. When applying directly over concrete new or old, dry asphalt, prime first with primer coat. When using as a top coat to protect and rejuvenate existing smooth asphalt roofs, first repair all blisters, cracks, split seams and flashing.

PRIMER: For priming, primer coat of STARPROOF WF-AC-500 is applied on prepared surface. For primer coat use diluted STARPROOF WF-AC-500 as follows.

STARPROOF WF-AC-500 : 25 parts by weight

WATER : 75 parts by weight

FIRST AND SUCCEEDING COAT

The coating is applied straight by using standard roofing brooms, brushes, squeegees or airless spray equipment, please check the viscosity to insure smooth spray of the product. After full curing (8 – 10 hours) of coating, apply succeeding coats. Can also be mixed with water & cement in the ratio of 1:2:5 and applied.

COVERAGE

Will give approximately about 35 to 45 sq ft per litre/kg

CLEANING

Tools : Clean all the tools immediately with water.

Hands : Use a hand cleaner or water followed by soap.

PACKING

STARPROOF WF-AC-500 is available in 20 kg Pail



STORAGE & SHELF LIFE

Shelf Life is 12 months in unopened containers. Store in a cool dry place away from direct sunlight at temperatures above 5°C and below 30°C.

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 until all traces have been removed. Seek

TECHNICAL DATA

Appearance	Free Flowing Liquid
Color	Milky White
Specific Gravity	1.0± 0.05 (ASTM D 1475-03)
Solid Content %	36 ± 5 (ASTM D 1644-03)
Viscosity (Spindle no 4 , RPM 20 @ 25° C)	17 ± 5 poise
Water vapor Transmission (g / h – m ²)	0.46 (ASTM E 96-95)
Tear Resistance, KN/m	28 ± 10
Service Temperature, 24 hrs @ 120°C	No shrinkage, brittleness
Chemical Resistance, % Weight Change - 10 % Salt (Sodium chloride) - 5 % Alkali (Caustic Soda) - 5 % Acid (Sulphuric)	3.0 2.0 3.0
Tack Free Time @ 35° C	3-5 hrs
Flammability & Toxicity	Non flammable
Tensile Strength	0.51 N / mm ² (ASTM D 412-98)
Drying Time @ 25° C	10-20 min.(ASTM D 1640-03)

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 results in the field, as manufacturer has no control over site conditions or execution of work