

FLEXI TOP HI

**TWO PACK HIGH PERFORMANCE
ACRYLIC POLYMER MODIFIED
CEMENTITIOUS COATING.**



TECHNICAL DATA SHEET

Product Description

Flexi Top HI is A low VOC pure acrylic emulsion based exterior paint designed with excellent solar reflective properties which reflects maximum heat from the sunlight keeping surface temperature cooler compared to normal exterior paints. Due to this property it helps in keeping interior cool and saving energy for air-conditioning

ADVANTAGES

- High solar reflectivity and energy savings for air-conditioning
- Excellent exterior durability and colour retention properties.
- Excellent dirt pick up resistance.
- Highly washable with low VOC
- High resistance to alkalis and efflorescence
- Free from hazardous heavy metal compounds and Lead
- Good adhasion on metal surface

FEATURES

- Building remains cool even during peak summer
- Drastic reduction of roof heat in peak summer
- Fills small cracks and joints which can prevent leakage
- Humidification and air conditioning cost can reduce
- Provides dust and water repellency
- Low cost application and maintanance
- Eco-friendly solution (non hazardous / toxic substance, low VOC, saves energy)
- Its rich consistency uniformly covers the textured profile of various substrate

AREAS OF APPLICATION

- Flexi Top HI coating on exterior surface like RCC, Galvanized iron (GI) sheets, asbestos sheet etc.
- The area of application goes beyond the list as it Warehouse, Factories, Shopping mall, Apartments, Water tanks, Cold storage, Hospitals, Residential house & complex, Outdoor Containers Cabins. It can be applied to any surface that is exposed to the direct sunlight.

METHOD OF APPLICATION

Surface Preparation

Surface should be Clean Free of dirt, gravel, dust and oil, Concrete and cementitious substrate are to be well compacted and at least 28 days old, with toweled finish. Wood panels or metal sheeting should be solidly fixed & Cleaned. Bio Wash for Killing Fungus where necessary.

METHOD OF USE

Prime the prepare surface with Flexi Top HI water diluted in the ratio of 1:1 post drying st of primer, Apply 1 & succeeding coat. Apply by brushes, squeegees, roller or airless spray equipment, Allow full curing of each coat (Approx. 8-10hrs) Before next coat Flexi Top HI is water dilutable up to 10% for standerd 1 coat, 10% for 2 coat. Ensure complete curing (approx. 48-72 hrs) before exposure to water for best results, apply when surface and ambient temperature are above 13°C and below 40°C

FLEXI TOP HI

TECHNICAL INFORMATION

Base Appearance	Single component, Special synthetic resin based
Solid Content (ASTM-D1644-03)	65±2%
Colour	White
Viscosity (Spindle No:4/7; RPM:10/20@25°C (thixotropic)	20000 to 40000 CPS
Specific Gravity (ASTM-D 1475 -03)	1.10±
Curing Time (ASTM C 4125)*	Approx.48 Hours (at 20°C, 50%RH)
Drying Time @25°C (ASTM D 1640-03)	Approx. 2 hours
Resistance to Temperature	Approx.-30°C to + 100°C
Elongation Break (ASTM - D 2370 -98)	>300%
Tensile Strength N /mm ² (ASTM - D 412 -98a)	2.5
Water Permeability	Almost Zero
Flash Point	Non -flammable
Chemical Resistance	Good
Insulation Properties	Good
SRI Value %	>120%
Crack Bridging Ability	ASTM C836 - No Cracking

SHELF LIFE

12 months seal pack in ideal storage conditions.

PACKAGING

20 kgs

HEALTH AND SAFETY

Keep out of reach of children, Keep in cool place if in contact with eyes, rinse with plenty of water and seek medical attention if irritation develops