



**ApcoBuild**<sup>™</sup>  
Build Smarter

# TOPGUARD HI

## HIGH PERFORMANCE ACRYLIC POLYMER BASED SOLAR REFLECTIVE COATING

**Apcobuild TopGuard 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.
  - Eco-friendly solution (non hazardous / toxic substance, low VOC, saves energy).
  - Its rich consistency uniformly covers the textured profile of various substrates.
- Humidification and air conditioning cost can reduce.
- Provides dust and water repellency.
- Low cost application and maintenance.

## AREAS OF APPLICATION

- **Apcobuild Topguard 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 for RCC

- All surfaces must be sound, clean, dry and free of contamination such as mildew, dirt, grease, oils, chalk, and any other contaminant that may affect adhesion. All loose, flaking, and oxidizing paint must be removed with water blasting, sand blasting, wire brushing or scraping.
- Mold, mildew, and fungi must be completely and thoroughly removed with power washer.

### Surface Preparation for Metal Roofs

- All loose layers of previous coating and/ or baked on coating should be completely removed.
- Wire brushing, scraping, and grinding should be done as necessary to remove rust or corrosion and smooth out high and low spots after loose coating has been removed.

### Primer Application for All Surfaces

- **Apcobuild Topguard PR** should be applied with a commercial grade airless sprayer, using .17 - .19 spray tips roller, Brush, at a making sure that all pores are adequately sealed and a white, opaque primed surface achieved on all exposed surfaces, including edges.

### Finish Application

- **Apcobuild Topguard HI** must be applied in two coats with a commercial grade airless sprayer, using .13 - 15 spray tips, Roller, Brush, maintaining a wet edge and ensuring uniform film thickness over the entire surface. Second coat can be applied as soon as first coat is dry / after 2 to 3 hours.
- Use of spray wand recommended to maintain appropriate distance from surface to minimize overspray and achieve uniform film thickness.

## TECHNICAL INFORMATION

Appearance	Emulsion paint white colour
Specific Gravity	1.1 ±0.02 gm/cc
Finish	Low sheen
Coverage	90-100 Sq.Ft./kg per coat
VOC content	< 50 g/l

## PRECAUTIONS

- Handle with care • Recommended use of hand gloves, goggles and mask

## HEALTHY & 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

## PACKING

25 kg

## SHELF LIFE

12 MONTH IN IDEAL STORAGE CONDITION

**DISCLAIMER :** These suggestions and data are based on information, which we believe to be reliable. They are given for information only and in good faith, but without guarantee, as condition and methods of our products are beyond our control. We recommend that the user determine the suitability of your materials and suggestion before adopting them on a commercial scale.

Recommended use in construction segment.



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