



## VITCON 215 AEC

### Single Component UV Resistant Acrylic Exterior Coating

#### DESCRIPTION

VITCON 215 AEC is a unique elastomeric high build coating based on revolutionary acrylic polymer with quick set capabilities to resist moisture attack. VITCON 215 AEC has inherent waterproofing properties. VITCON 215 AEC provides durability, flexibility and excellent weather resistant, protection against fungus and algae growth. Having an unique UV cross link curing mechanism, VITCON 215 AEC becomes more durable with age. It is easy to apply and is environmentally safe and non polluting. VITCON 215 AEC forms a thick impermeable layer with a high crack bridging property of upto 2 mm.

VITCON 215 AEC is available in white and dark bases and well as factory made wide range of attractive colour.

VITCON 215 is available in two grades – VITCON 215 AEC P and VITCON 215 AEC E

#### TECHNICAL DATA

PROPERTY	VITCON 215 AEC P	VITCON 215 AEC E
Appearance	White Viscous Liquid	White Viscous Liquid
UV Resistance	Excellent	Excellent
Specific Gravity	1.30	1.36
DMC, %	58.00	54.00
Viscosity, cps at 30 °C	20000 ± 2000	7000 - 9000
Tensile Strength at 14 days, mpa (ASTM D2370)	0.72	0.50
Elongation at 14 days, % (ASTM D2370)	300	200
Hardness at 14 days (Shore A)	70 -72	70 - 75
Adhesion Strength, mpa (ASTM D4541)	1.50	1.50
Rapid Chloride Permeability (ASTM C1202-97)	Very Low	Very Low
Accelerated Weathering Test Q Panel (ASTM D G 23 Type D)	1000 hrs - No Defects	800 hrs - No Defects
UV Resistance (ASTM D822)	Excellent	Excellent
Dust Pick Up Resistance	Good	Good
Theoretical Coverage, ltr/m <sup>2</sup>	3.25	3.25

\*Consumption shall vary based on the surface condition and finish.



## **USAGE**

- Exterior walls
- Slopes
- Roofs
- Domes
- Any complex geometry walls and facades
- UV protection layer over liquid membrane / chajjas

## **ADVANTAGES**

- User friendly, environmentally safe, non polluting, Green Product
- Very good UV resistance
- Excellent waterproofing properties
- Long durability and good elongation
- Easy application by brush / roller or by spray

## **APPLICATION METHODOLOGY**

- Remove all defects like cracks, blisters loose / defective plaster and gaps, if any followed by a wash with a jet of air / water. Repair structural defects before proceeding application of VITCON 215 AEC.
- Fill all cracks up to 5mm with VITCON 2014 HCP. Fill cracks above 5mm and all separation gaps with Polymer made up of VITCON 2013 SBR and sand / cement
- Prime the prepared surface with VITCON 215 AEC, by diluting VITCON 215 AEC with potable water in the ratio of 1 : 3 and applying a coat of the mix of around 200 ml / m<sup>2</sup> and allow it to dry for 4-6 hours.
- Apply the first coat of VITCON 215 AEC on the primed surface and allow it to dry for 5 to 6 hours. If required potable water of maximum 10 % by volume may be added to VITCON 215 AEC to achieve a brushable consistency.
- Apply the second coat of VITCON 215 AEC after the first coat is dried up.
- Ensure final curing time of 48 hours before allowing / carrying out any further work, if any.
- Theoretical consumption of VITCON 215 AEC for 200 micron DFT film would be around 330 ml / m<sup>2</sup> for application of two coats and a primer coat depending upon the surface porosity and finish.



## **HEALTH& SAFETY**

- Use mask and hand gloves during application
- Clean hands with soap water after application
- Avoid contact with skin / eyes. In case of unlikely contact with eyes, rinse immediately with plenty of clean water, then cleanse with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area.
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

**PACKAGING** Available in 20 Litre container. Bulk packing is available on request.

## **STORAGE**

Keep in cool dry place, under shed, away from the heat.

## **SHELF LIFE**

12 months in unopened air tight condition.