



## VITCON 190 AWP

### Single Component UV Resistant Acrylic Waterproofing Coating

#### DESCRIPTION

VITCON 190 AWP is a unique elastomeric high build coating based on revolutionary acrylic polymer with quick set capabilities to resist moisture attack. VITCON 190 AWP provides durability, flexibility and excellent weather resistant.

VITCON 190 becomes more durable with age. It is easy to apply and is environmentally safe and non polluting. VITCON 190 AWP has inherent waterproofing properties.

#### TECHNICAL DATA

PROPERTY	TEST METHOD	TYPICAL VALUE
Appearance	Visual	White
Specific Gravity	ASTM D14785-16	1.30 ± 0.02
Viscosity, cps	Brookfield Viscometer	10,000-15,000
Tensile Strength at 14 days, mpa	ASTM D2370	0.50
Elongation at 14 days, %	ASTM D2370	200
Hardness at 14 days	Shore A	70 - 75
Adhesion Strength, mpa	ASTM D4541	1.5
Permeability	ASTM E398	Pass
Curing Time at 25 °C, hrs	Internal	Approx 6
UV Resistance	ASTM D822	Excellent

#### USAGE

- Slopes
- Roofs
- domes
- Any complex geometry walls and facades

#### ADVANTAGES

- Very good UV resistance
- Excellent waterproofing properties
- Long durability and good elongation
- Easy application by brush / roller / 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 application of VITCON 190 AWP.
- 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 190 AWP, by diluting VITCON 190 AWP 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 190 AWP 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 190 AWP to achieve a brushable consistency.
- Apply the second coat of VITCON 190 AWP after the first coat is dried up.
- Ensure final curing time of 48 hours before allowing / carrying any further work, if any.
- Theoretical consumption of VITCON 190 AWP 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 kg 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.

