

ShaliCryl® 215

UV Resistant Elastomeric Exterior Acrylic Waterproofing Coating



STP Limited

Description

ShaliCryl® 215 is single component, UV resistant, unique elastomeric, high build exterior waterproofing coating based on a revolutionary acrylic polymer with quick-set capabilities to resist moisture attack. Besides inherent waterproofing properties, **ShaliCryl® 215** provides durable, flexible, water resistant and water repellent properties. Having an unique UV cross-link curing mechanism, **ShaliCryl® 215** becomes more durable with age.



ShaliCryl® 215 is easy to apply, environmentally safe, non-polluting green product forms a thick impermeable layer with a high crack bridging property of upto 2 mm.

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

It conforms to ASTM D-6083.

Characteristics - Physical

Appearance	Wide range of coloured viscous liquid	Appearance after drying	Coloured film with sheen
UV Resistance	Excellent	Application Temperature °C	> 5
Solid, %	58.00	Specific Gravity	1.30
DFT, micron	150	Viscosity, cps at 30 °C	20000 ± 2000
Accelerated Weathering Test. Q Panel, ASTM D G 23 Type D	1000 hrs - No defects	Theoretical Coverage, m ² /L *	3.25
		Dust pick up resistance	Good
		Rapid Chloride Permeability ASTM C 1202 - 97	Very low

* Depending upon surface condition.

Characteristics - Technical

Property	Standard	Results
Elongation, 14 days, %	ASTM D-6083	300
Tensile strength, 14 days, MPa,	ASTM D-6083	0.72
Hardness, 14 days /Shore A	ASTM D-2240	70 - 72
Adhesion strength, MPa	ASTM D-4541	1.5 MPa - Concrete failure

Application

- Exterior waterproofing UV resistant elastomeric coating with 200 micron impermeable film.
- For UV protection layer over Liquid Membrane, you may use **ShaliCryl® 215**.

Advantages

- 200 Micron impermeable Coating.
- High Crack Bridging Property
- Elastomeric UV Resistant Coating.
- Higher Durability.
- Green Product.

- Dust / Algae / Fungus Resistant.
- Easy Application and User Friendly.

Application Methodology

➤ Surface Preparation

- Remove all loose and foreign materials, if any, by a wash with a jet of air / water.
- Repair structural defects before application of **ShaliCryl® 215**.
- Fill voids and undulation area with Polymer Mortar made out of ShaliSBR Latex, Water, Cement and Sand in the Ratio of 1:1:5:12.5.
- Fill cracks up to 3 mm with PlastiSeal and cracks over 3 mm with PlastiSeal P after opening the crack to a “V” cut.
- In case of any poor plaster surface in existence (for old building), remove the same and corrected with new cement : sand in the ratio of 1 : 4 admixed with ShaliPlast LW+ @ 200 ml / bag of cement.

➤ Primer Application

- Apply ShaliPrime WB as Primer after dilution with potable water in the ratio 1:0.5 for a theoretical Coverage 8-10 m² / L of the mix and allow it to dry for 3 – 4 hrs. post elimination of undulation, roughness of concrete, joint marks, Voids and any other surface correction.

➤ Application of Material

- Apply first coat of **ShaliCryl® 215** over the primed surface @ 160 ml / m². Add maximum of 10% potable water by volume for the first coat only, if required, to have brushable consistency only.
- Allow the applied coating to dry 6 – 8 hrs of application.
- Apply second coat of **ShaliCryl® 215** without dilution over dried first coat @ 140 ml / m² and allow it to dry.
- Do not undertake any further work over the coated area within 72 hrs of final coat.
- A coat of 100 micron of ShaliCryl TC 100 will improve water / dust repellent property.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

Packing

Available in 5 L and 20 L container. Bulk packing is available on request.

Storage

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

Shelf Life

12 months in original unopened sealed condition.



Advisory Cell
STP Limited
+91 81302 81114
Waterproofers to the Nation

STP's Businesses :
Waterproofing & Insulation
Road Surfacing
Pipeline Coating
Protective / Anti-Corrosive Coating
GARA (Grouts & Admixtures)
Sealant & Additives
Repairs & Rehabilitation
Epoxy Flooring

