

ShaliCryl 215

Single Component UV Resistant Elastomeric Exterior Coating



STP Limited

Description

ShaliCryl 215 is an unique elastomeric high build coating based on a revolutionary acrylic polymer with quick-set capabilities to resist moisture attack. **ShaliCryl 215** has inherent waterproofing properties. **ShaliCryl 215** provides durability, flexibility, and excellent weather resistance. Having an unique UV cross-link curing mechanism, **ShaliCryl 215** becomes more durable with age. It is easy to apply and is environmentally safe and non-polluting. **ShaliCryl 215** 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

ShaliCryl 215 is available in two grades – **ShaliCryl 215 P** and **ShaliCryl 215 E**



Characteristics

	ShaliCryl 215 P	ShaliCryl 215 E
Appearance	Wide range of coloured viscous liquid	Wide range of coloured viscous liquid
Appearance after drying	Coloured film with sheen	Coloured film with mat finish
UV Resistance	Excellent	Excellent
Specific Gravity	1.30	1.36
Solid, %	58.00	54.00
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
Viscosity, cps at 30 °C	20000 ± 2000	7000 - 9000
Theoretical Coverage, m ² /L *	3.25	3.25
Dust pick up resistance	Good	Good
Accelerated Weathering Test. Q Panel, ASTM D G 23 Type D	1000 hrs - No defects	800 hrs - No defects
Adhesion strength, MPa, ASTM D 4541	1.5 MPa - Concrete failure	1.5 MPa - Concrete failure
Rapid Chloride Permeability ASTM C 1202 - 97	Very low	Very low

* Consumption shall vary based on the surface condition and finish

Application

- Exterior Walls.
- UV protection layer over Liquid Membrane / chajjas

Advantages

- User friendly, environmentally safe, non-polluting, Green Product.
- Excellent waterproofing properties.
- Very good UV resistance.
- 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 and followed by a wash with a jet of air / water. Repair structural defects before application of **ShaliCryl 215**.
- Fill all cracks up to 5mm with PlastiSeal / Shalimar Dam-it. Fill cracks above 5mm and all separation gaps with Polymer Mortar made up of ShaliSBR Latex / ShaliCrete URP and cement / sand.
- In case of extremely high rainfall areas and in coastal town, coat rain beating walls with ShaliSBR Latex / ShaliCrete URP.
- Prime the prepared surface with **ShaliCryl 215**, by diluting ShaliCryl with potable water in the ratio of 1:3 and applying a coat of the mix of around 200 ml/m² and allow it to dry for 4-6 hours. Alternatively prime the surface with ShaliPrime Penetration.
- Apply the first coat of **ShaliCryl 215** 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 **ShaliCryl 215** to achieve a brush-able consistency
- Apply the second coat of **ShaliCryl 215** 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 **ShaliCryl 215** for 200 micron DFT film would be around 330 ml/m² for application of two coats and a primer coat depending upon the surface porosity and finish. In case of use of ShaliPrime Penetration the consumption of **ShaliCryl 215** shall be lower.

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.

Packing

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

Storage

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

Shelf Life

12 months in unopened air tight condition.



Advisory Cell
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GARA (Grouts & Admixtures)
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Other Products

