

ShaliCryl[®] 215

1K UV Resistant Elastomeric Exterior Coating



STP Limited

Description

ShaliCryl[®] 215 is single component 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
DFT, micron	200	200
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
Application Temperature °C	> 5	> 5

* Depending upon surface condition.

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 3 mm with PlastiSeal, fill all bigger cracks with PlastiSeal (P). 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 ShaliPrime WB after diluting the same with potable water in the ratio 1 : 0.5 by volume as prescribed by the company @ 125 ml / m² and allow it to dry for 4 – 6 hours.
- Apply the first coat of **ShaliCryl® 215** on the primed surface and allow it to dry for 5 to 6 hours. If required 10% (maximum) potable water 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.

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 shade, away from heat.

Shelf Life

12 months in unopened air tight condition.



Advisory Cell
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Waterproofers to the Nation

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



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