

CEYMCO® ELASTO 599

UV Resistant Elastomeric Acrylic Waterproof Coating

Description

CEYMCO® ELASTO 599 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.

CEYMCO® ELASTO 599 provides durable, flexible, and water resistant and water repellent properties, arising out of unique UV cross-link curing mechanism.

CEYMCO® ELASTO 599 is easy to apply, environmentally safe, non-polluting green product, forms a thick impermeable layer with a high crack bridging property of up to 1 mm.

CEYMCO® ELASTO 599 is available in white base as well as staining could

be done for different colour matching. It conforms to ASTM D-6083

Characteristics - Physical

Appearance	White colour 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	10000 ± 1000
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, Concrete failure	ASTM D-4541	1.5
CO ₂ diffusion resistance at 80 microns DFT		
• Equivalent Air Layer Thickness, mtr		> 70
• Equivalent Concrete Thickness, mm		177

Application

- Exterior waterproofing UV resistant elastomeric coating with 150 – 160 Micron impermeable film.
- For UV protection layer over Liquid Membrane, you may use **CEYMCO® PU CLEAR**.

Advantages

- Green Product / User friendly / easy to apply.
- Elastomeric UV Resistant Coating.
- 200 Micron impermeable Coating.
- High Crack Bridging Property.
- Higher Durability.
- Dust / Algae / Fungus Resistant.

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 **CEYMCO® ELASTO 599**.
- Fill voids and undulation area with Polymer Mortar made out of **CEYMCO PROBOND SBR** Latex, Water, Cement and Sand in the Ratio of 1:1:5:12.5.
- Fill cracks up to 3 mm with **NOLEAK PU** and cracks over 3 mm with **NOLEAK PU** 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 **CEYMCO PROBOND SBR** @ 200 ml / bag of cement.
- Allow it to cure for at least 10 days.

➤ Primer Application

- For fresh painting,
 - Prime the prepared surface with **CEYMCO® ELASTO 599** @ 8-10 m² / L (theoretical coverage)
 - Allow it to dry.

➤ Material Preparation

- Stir **CEYMCO® ELASTO 599** by a slow speed mixture fitted with a suitable mixing paddle.
- Add stainer slowly to get the desired shade.
- After stirring, wait for the product to settle in order to let entrapped air escape.

➤ Application of Material

- Apply first coat of **CEYMCO® ELASTO 599** over the prepared / primed surface @ 120 ml / m².
- Allow it to dry for 6 – 8 hrs.
- Apply second coat of **CEYMCO® ELASTO 599** without dilution over dried first coat @ 120 ml / m² and allow it to dry.
- Do not undertake any further work over the coated area within 72 hrs of final coat.

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 Kg and 20 Kg container. Bulk packing is available on request.

Storage

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

Shelf Life

24 months in original unopened sealed condition.

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