

CEMDUR FINISH

ALIPHATIC POLYURETHANE COATING

DESCRIPTION

CEMDUR FINISH is a two component high gloss chemical and weather resistant top coat, it combines an acrylic with an aliphatic polyurethane, to outlast conventional acrylics, alkyds, epoxies, polyester and urethane alkyd finishes.

CEMDUR FINISH is hard tough abrasion resistant, reduces the build up of dirt, dust and other airborne pollutants.

BASIC USES

CEMDUR FINISH was specifically developed for the protection of metal, concrete, wood and fiber glass surfaces which are subject to corrosion and weathering exposure.

PRINCIPAL CHARACTERISTICS

- Excellent color and gloss retention.
- Easy to apply by spray or roller.
- Relatively long pot life at elevated temperature.
- Very good flexibility.
- Good corrosion resistance.
- Resistant to splash and spill of mild chemicals and solvents.
- Good abrasion resistance.
- Good U.V. Resistance.

COLOR

Available in white and other colors upon request

RECOMMENDED SUBSTRATE CONDITIONS

Concrete and Steel surfaces will be cleaned by grit blasting, power wire brushing or other mechanical means. Steel will be primed using **Zinc Rich Primer**, Concrete will be primed using **EPOMORT 1000** system. Coatings will not be applied if the surface temperature are below dew point.

CEMDUR FINISH will be applied to the prepared surface within 48 hours. Otherwise the primed surface will need to be further abraded to ensure adhesion.

Surface temperature must be above 5°C and at least 3°C above the dew point during application and curing.

MIXING RATIO

By Volume - 9:1

THINNER

CEMDUR THINNER can be used upto 5% for spray and roller application.

PHYSICAL PROPERTIES

(for mixed components at 20°C.)

Components	-	Two (2) components
Finish	-	Glossy.
Surface	-	suitable primed steel and concrete surfaces
Mass density	-	Approx. 1.2 g/cm ³ depends on color.
Volume solids	-	Approx. 47%
Theoretical Coverage at 50 microns	-	9.4 m ² /litre
Pot Life	-	10 hours
Touch dry	-	1 hour
Thorough drying	-	min - 16 hours at 20°C 8 hours at 40°C Max - No limitations
Shelf Life (cool & dry place)	-	12 months
Flash Point	-	27°C.
Packing	-	10 ltrs. & 20 ltrs. pail

QUALITY STATEMENT

CMCI manufacture its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with Quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products. CMCI also offers full technical field support to consultants, Architects, Contractors, applicators and End Users

The Technical Specification information and recommendation given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product. CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.