

Kemcoat CR

Chlorinated Rubber Coating

Description	Kemcoat CR is a hard wearing chemical resistant finish coat used in chemical factories, sewage and water drainage stations, swimming pools, marine, road marking and vessels. It can be applied on plaster, cement, concrete, steel and wood. Kemcoat CR is approved by the National Organization For Potable Water & Sanitary Drainage for sewerage applications
Where to use	• Chemical factories. • Road marking. • Marine Vessels. • Dairies & breweries. • Sewage Water stations. • Swimming pools.
Advantages	• Fast drying and non-fading. • Resistant to chemicals, Chlorine & Algae. • Excellent color retention. • Excellent adhesion. • UV- resistant .
Properties	
Specific Gravity	1.20 ±0.1
Volume Solid	32 ±1 %
Touch Dry	30 min. @ 25 °C
Recoat Time	24 hours at
Final Curing @ 25 °C	10 Days Indoor 7 Days Outdoor
Water permeability Up to 1 bar	No leak
Tensile Strength	0.4 - 0.5 N/mm ²
Elongation	26 – 27 %
50 hrs UV resist.	No Cracks
Sea water& Chlorinated water	No effect
It complies with ASTM C267, G153, D7867 and D412, CRD C48	
Surface Preparation	• Remove the existing paints systems completely All glazing should be removed from tiles by sand blasting. • Polyester surfaces should be abraded. • Remove all dirt, algae, grease, oil and loose particles All surfaces must be sound, clean and free from dampness. • Newly placed concrete should be left for 28 days to cure fully • Fill expansion joints with mastic Proflex LM or any other appropriate system. • Repair concrete defects and cracks with Kemrepair Mortar. • It is not recommended for steel, fiber glass, vinyl, epoxy or acrylic paints • Treat surface contaminated with moss or algae after cleaning with Fungicidal wash
Mixing	Mix the material in its container with electrical stirrer until a homogeneous Color is obtained
Application	• Apply a priming coat using Kemcoat CR diluted with 10 - 15 % Prosolve PU for concrete and plaster. • Apply the material with brushes, rollers or airless spray.
Cleaning	Clean all tools and equipment's immediately after use with Prosolve PU
Theoretical coverage	• 0.2 Kg/ m² at D.F.T of 50 microns • Two coats are recommended.
Packaging	Part (A+B) 5 & 20 Kg pails.

Shelf life & Storage	It has a shelf life for 12 months if kept in their original and undamaged packing in a dry condition
Health and Safety	• If ingested, drink milk or water and seek medical attention. • This product is of low toxicity but normal precautions should be observed. • Wear gloves, and if working overhead or spraying, wear goggles. • Wash off any skin splashes with soap and water. • Irrigating the eye with an eye bathing solution should treat eye contamination. • Ensure adequate ventilation in confined spaces and use breathing aids.
Additional Information	PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range for our customer's satisfaction. PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.