



COATLOK™ CTC

TECHNICAL DATA SHEET

COATLOK™ CTC is a one-component, tinted, solvent containing physically-drying topcoat based on chlorinated rubber. The product has excellent water impermeability, resistance to many chemicals, as well as to salts and chlorinated water.

COATLOK™ CTC is used as a protective coating resistant to chlorinated water for polyurea (or hybrid polyurea) insulation/waterproofing of concrete and metal swimming pools (as well as paddling pools and garden ponds), reservoirs, fountains etc.

COATLOK™ CTC can also be used as a self-priming protective/anti-corrosion paint coating for concrete and steel surfaces of building structures. The product can be brush, roller or spray applied.

TECHNICAL DATA	
Chemical composition	Chlorinated rubber solution in organic solvent, pigment, functional additives, fillers
Solids content	45-50%
Density @ 20°C	1.10 g/cm ³
Drying time @ 20°C	2.0 hrs
Recoat window @ 20°C	2.0 hrs (first layer) 3.0 hrs (second layer)
Resistance to static effects of chlorinated water	48 hrs
Material consumption	0.20-0.30 kg/m ² per layer (depending on the tinting and the condition of the surface)
Colors available	Blue, white, black
Packaging	5 kg (metal pails)

RECOMMENDED APPLICATION CONDITIONS*	
Surface preparation	The surface must be clean, sound and free from moisture, grease, oil, dirt, rust, loose paint, and other contaminants and abraded to provide a suitable key for the coating system. If application of the second coat has exceeded the recoat window of the first coat then the entire surface MUST be abraded.
Temperature (surface, material & ambient air)	+10°C to +25°C
Concrete substrate moisture content	4-6 CM%
"Pull off" strength of the concrete substrate	> 1.5 MPa

*It is the sole responsibility of the applicator to process and apply COATLOK™ CTC within specification.

RECOMMENDED APPLICATION PROCEDURE*	
<p>COATLOK™ CTC is delivered ready for use.</p> <p>Mix the product thoroughly before applying for 2-3 minutes using a low-speed (300-400 rpm) electric mixer. It is not recommended to significantly increase the speed of rotation of the mixer, as this leads to excessive air involvement in the volume of the material and, as a consequence, to the possible formation of defects in the finished topcoat. DO NOT MIX BY HAND! COATLOK™ CTC is applied to the protected surface in a uniform thin layer using short-pile rollers or medium-hardness brushes. It is recommended to apply at least two layers of the product with intermediate drying.</p> <p>DO NOT APPLY A THICK LAYER! DO NOT ALLOW THE FORMATION OF SPILLS OF THE PRODUCT DURING APPLICATION!</p> <p>To apply COATLOK™ CTC by airless spraying, additional dilution of the product may be required. The recommended solvent is ortho-xylene. The amount of solvent added depends on the required viscosity and can usually be 3-5% (by weight).</p>	

General Requirements: Substrate must be at least 5°C above dew point, with a maximum relative humidity of 80%. Substrate must also be free of moisture (dew or frost), grease, oil, solvents and other materials that would adversely affect adhesion of the product. This product must not be used when the continuous service temperature of the substrate or product is below -30°C or above 60°C.

Disclaimer: The information herein is to assist customers in determining whether our products are suitable for their applications. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent inferred. All patent rights are reserved. The product is combustible and must be protected in accordance with applicable codes. Protect from direct flame and spark contact, around hot work for example. The exclusive remedy for all proven claims is replacement of our materials.