

CEMEK-Pro2K603

Product Technical Data Sheet

A Two Component Polyurethane Coating for Sound Insulation, Corrosion & Water Resistance

Introduction

CEMEK-Pro2K603 is a specifically formulated, two component sound insulating polyurethane coating which provide sound and impact insulation and protection from corrosion to the various metallic and non-metallic surfaces.

Features

- ❖ Excellent water-resistant properties
- ❖ Excellent sound absorption properties
- ❖ Excellent adhesion on metallic and non-metallic surfaces
- ❖ Excellent corrosion resistant properties
- ❖ Excellent rot resistance of wooden surfaces in contact with H₂O, NaCl, Acid & Alkali
- ❖ Easy & economical to use

Applications

- ❖ Interior & Exterior coating of M.S., S.S., concrete and F.R.P. surfaces etc.
- ❖ On wooden surfaces, which are in contact with water, salt, mild acid and alkali solutions.
- ❖ Steel tanks, Pipes, Railway coaches, marine coating also.
- ❖ Chemical processing areas.
- ❖ Concrete walls and floors.

Specifications & Properties

Pot life (Minutes) (Measured at 25°C for a mass of 100 gms)	1-30 Minutes
Density (Mass to Kg/ 10 Ltr.)	12.50-14.50
Flash Point (°C)	100°C
Mixing Ratio	Resin: Hardener (3:1)
Coating Properties	
Colour	As Required
Finish	Matt
Surface Dry at 25°C	½-1 Hours
Hard Dry at 25°C	48 Hours Max.
Adhesion	Excellent (MS & SS)
Chemical Resistance	Good
Thickness (mm)	2-3 mm
Corrosion Test	Pass
Fire Properties	Pass
Global Migration Test	0.27 USFDA-175.300

Note: - The Product CEMEK-Pro2K603 is approved for Potable water by CSIR-CFTRI & Sreeram Institute for Industrial Research.

Certificate No: - C1/0000168029 & TC5253

Method of Application

- ❖ Before application, the surface should be thoroughly dry & free from dust, rust, grease, oil, loose particles or earlier coatings and should be sand blasted.
- ❖ After surface is ready all repair work like joints sealing filling of cracks, cavities and crevices should be carried out with where ever necessary appropriate primer should be used.
- ❖ Stir well the resin before mixing the resin and hardener of the two-component system and mix in prescribed ratio.
- ❖ **CEMEK-Pro2K603** should be applied on the surface to be coated by brush or spray machine and the coat to be allowed to air dry for at least 2 hrs. preferably in dust free atmosphere.
- ❖ If two or more coats are required, allow the first to dry.

Storage & Shelf life

CEMEK-Pro2K603 is best kept at ambient conditions in cool & well-ventilated place. The product is stable for at least twelve months when properly stored.

Handling Precautions

During handling maximum precautions should be taken. keep the container tightly sealed, when not in use. wear mask while spraying and keep the material away from ignition sources. avoid eye and skin contact. safety goggles & protective gloves should be worn during handling. if it comes in contact with the body, wash the affected area with plenty of clean water.

Cleaning

All tools should be cleaned immediately after application using CEMEK Solvent. Hardened materials must be cleaned mechanically.

Information

Although the basic formulation of our products generally remains unchanged production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties.

Ref.: - CEMEK/SB603/18/001

Rev.: -Nil

Date: -01/01/2018

Date: Nil

CEMEK (I) PRIVATE LIMITED

(An ISO 9001:2015 Certified Company)

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"Comprehensive Solution for Constructions"

CEMEK-Pro2K603

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Warranty

Our products are manufactured under stringent National / International quality norms and guaranteed against any manufacturing defect. Recommendation as per this data sheet are based on our team's combined practical experience and exposure over several years in the field of construction and are believed to be most appropriate. However, no liability can be accepted by us, as the conditions of use of such products are beyond our control.

FIRST AID!

- ❖ Eyes and skin: Flush eyes with water for 15 minutes. Contact a physician if irritation persists.
- ❖ Wash skin thoroughly with soap and water. Remove and wash contaminated clothing before reuse. Inhalation: Remove subject to fresh air. Swallowing: Dilute by giving water to drink and contact a physician promptly.
- ❖ Never give anything to drink to an unconscious person.

Note: - Keep out of reach of children for professional and industrial use only.

Another Products Range of CEMEK

- ❖ Alkali Free Accelerator for wet Shotcrete in Liquid form
- ❖ Alkali Free Accelerator for Dry Shotcrete in powder form.
- ❖ Modified Sodium Silicate based accelerator for Shotcrete.
- ❖ Integral Water Proofing Compound.
- ❖ Crystalline Water Proofing Compound.
- ❖ Heat Resistance Coatings/Paints with application
- ❖ Cement, Micro Fine Cement, Epoxy, PU and Colloidal Silica based grouts with application.
- ❖ Wax Based, Resin Based and Resin Based Aluminized Concrete Curing Compound.
- ❖ Ready to use High Strength, Rapid Set, Non-Shrink, Self-Levelling, Crack Repair, Heavy Duty Machine Installation product.

Services

- ❖ Water Proofing (Epoxy, PU, Acrylic, SBR etc.)
- ❖ Dry & Wet Shotcrete
- ❖ Crack Repairing

- ❖ PU, Epoxy, Polyester Grouting (Tunneling & Mining & Structures)

House, Industrial & Institutional Cleaners

- ❖ Steelness Steel Cleaner
- ❖ Degrease & Oil Removers
- ❖ Paint & Coating Stripping Agents
- ❖ Concrete Removing Agents
- ❖ Glass Cleaners
- ❖ Tar Removing form car body
- ❖ Rust Removing Agent
- ❖ Rust Converter

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