

CEMKOTE EP

HIGH PERFORMANCE EPOXY COATING

CEMKOTE EP is a high performance, low viscosity solvent free coating designed for use as a multipurpose floor sealing and priming system.

CEMKOTE EP can also be used to create a damp proof membrane for concrete floors prior to overlayment with cementitious screeds.

CEMKOTE EP consists of a unique blend of epoxy resin combined with polyamino amine adducts, which have been specifically selected to provide the optimum level of penetration, to provide the optimum level of penetration,

Before proceeding please read the following information carefully to ensure that the correct proper application procedure is fully understood.

SURFACE PREPARATION

All surfaces must be clean, dry and free from oil, grease and loose material.

New Concrete: Surfaces should be lightly abrasive blast cleaned, scarified or mechanically abraded to remove laitance. Resultant dust and debris should be removed by sweeping or vacuum cleaning.

Existing Concrete: Surfaces should be high pressure detergent washed to remove all dirt, oil and grease; heavy oil contamination may require sweating and burning out. Loose, badly adhering existing coatings should be removed by abrasive blasting or scarifying. All dust and resulting debris should be removed by sweeping or vacuum cleaning.

Note: All concrete surfaces must have a maximum moisture content of less than 7%.

Other Surfaces: Surfaces should be thoroughly degreased then thoroughly abraded with any resulting dust being removed by vacuum cleaning.

MIXING

CEMKOTE EP is a two component material consisting of a base component and liquid activator component. The base component should be poured into a suitable mixing container and the activator added and thoroughly stirred until a homogeneous mix is obtained.

APPLICATION

Priming / Sealing: **CEMKOTE EP** should be applied to the prepared surface by stiff brush, squeegee or roller to give a uniform even coating taking care to avoid excessive build up and ponding. On rough, pitted surfaces the product should be worked into the surface to ensure complete wetting of the substrate.

Filling: The **CEMKOTE EP** / filler should be mixed, poured on the area to be repaired and then finished with a float or trowel.

All equipment must be cleaned IMMEDIATELY after use with CMCI Universal Cleaner.

Theoretical Coverage Rate

9.6 m²/ kg at 100 microns DFT. (102 ft² / kg at 4 mils DFT).

Recommended Film Thickness

Wet 100 microns (4 mils)

Dry 100 microns (4 mils)

PHYSICAL CONSTANTS

Mixing Ratio

2 parts base to 1 part activator by volume.

Appearance

Base Clear Liquid

Activator Clear Liquid

Drying & Cure Times at 20°C/68°F

Usable Life 30 Mins

Touch Dry 2 Hours

Hard Dry 16 Hours

* Minimum Over coating 2 Hours

Maximum Over coating 24 Hours

Full Cure 7 Days

These times refer to **CEMKOTE EP** only. When the product is blended for other uses times will be extended and will depend on the final quantities of the mix.

Volume Solids 100%

V.O.C. Nil

SHELF LIFE

Use within 5 years of purchase. Store in original sealed containers at temperatures between 5°C (40°F) and 30°C (86°F).

FOOD CONTACT

Meets USDA requirements for incidental food contact.

Meets FDA Requirements CFR 21.175.300 for food contact.

HEALTH AND SAFETY

As long as normal good practice is observed **CEMKOTE EP** can be safely used.

Protective gloves should be worn.

A fully detailed Material Safety Data Sheet is either included with the material or is available on request.

PACKAGING

Supplied in 2, 5 and 20 kg packs

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.