



# KEM DAMPSEAL

Two component epoxy resin based water thinnable coating

Ref. WP/CO-V1-0212

## Description

KEM Dampseal is a two-component, epoxy resin based coating that can be diluted with water. It is especially made for internal walls, ceilings and RCC water tanks.

## Uses

- Internal damp walls and ceiling.
- RCC water tanks.
- Primer for painting on internal and external walls.
- Damp walls of toilets, kitchen walls and lift pits.
- As putty with OPC – white cement to fill fine cracks of walls.
- Sterile areas of food/pharma industries.

## Advantages

- Allows water in the walls to evaporate in the form of vapour.
- Dilutable with water and has high covering ability, making it very economical.
- Reduces water permeability.
- Excellent adhesion to all cementitious substrates.
- After attaining the full curing stage becomes a thick and hard film coat.
- Can be directly applied over damp concrete or plaster and thus provides excellent water resistant Coating.
- Does not require curing.
- Can be applied on both sides of water pressure.
- Offers excellent resistance to salt water, mild acids and alkalis.

- Non-toxic, non-hazardous and non-flammable.
- Possesses anti-fungal property and is resistant to microorganisms.
- Useful as a primer for water based paints or solvent based paints.

## Typical Properties

**Nature** : Two-component

**Consistency After Mixing:** Free flowing fine paste

**Pot Life at 30°C** : 1 - 1.5 hrs

**Time Period Between Two Coats at 30°C** : 6 – 8 hrs.

## Direction for use

Mix KEM Dampseal Base and Hardener with 500 ml water. Mix all components thoroughly. Mix to get a uniform consistency. Brush it on the surface.

## Mixing Ratio:

	Base	Hardner	Water	OPC
<b>As a Coat (In parts by wt.)</b>	1	1	1	–
<b>As a putty (In parts by vol.)</b>	1	1	–	2

## Packaging

500 gm; 1 kg

## Storage and Shelf life

Store in a cool and dry place away, from moisture and direct sunlight. Close opened packs immediately after use.

Shelf life is 12 months from the date of manufacturing when stored in above conditions.

## Technical Service

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.



## Safety precautions

Use of gloves is recommended. Use face mask if working in enclosed areas.

**FIRE:** It is non flammable but will burn in a fire.

KEM Dampseal should not come in contact with skin and eyes or be swallowed. Avoid prolonged inhalations of the vapors. Some people are sensitive to hardener component therefore; protective gloves, goggles and barrier cream should be used. Ensure adequate ventilation and if working in enclosed areas, suitable breathing apparatus must be used. If this product comes in contact with skin, it must be removed before it gets dry by washing with soap and plenty of clear water and seek medical advice. If swallowed, seek medical attention immediately. Do not induce vomiting.

### **Chembond Chemicals Limited**

Chembond Centre, EL-71, MIDC,  
Mahape, Navi Mumbai, India 400 710.  
Tel.: +91 22 39213 000, Fax: +91 22 3921 3100,  
website: [www.chembondindia.com](http://www.chembondindia.com),  
e-mail: [enquiries.conchem@chembondindia.com](mailto:enquiries.conchem@chembondindia.com)

### **Limitation of Liability:**

This information is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.