

## TOPCOAT FOR CEMENTITIOUS SCREEDS

### PRODUCT DESCRIPTION

CEMPUR 2K is a 2-component water borne, transparent aliphatic polyurethane coating. The product is easy to apply, giving no "roller marks" or overlap. Provides a semi-gloss surface. CEMPUR 2K gives early water resistance and good chemical resistance. The product has excellent scratch and UV resistance.

### APPLICATION AREAS

CEMPUR 2K is designed as a topcoat for cement based floor levelling compounds like CEMTOP and CEMSTYLE. CEMPUR 2K is developed to seal and protect CEMART screeds. CEMPUR 2K is not recommended on floors that are permanently exposed to water.

### PROPERTIES

CEMPUR 2K is/has:

- Solvent free
- Water based
- Mild odour during application
- Easy to apply
- UV resistant
- Excellent chemical resistance
- Outstanding scratch and wear resistance
- Easy to clean

### TECHNICAL DATA

<b>Binding agent</b>	Aliphatic polyurethane
<b>Material consumption</b>	100-120 g/m <sup>2</sup> per layer (2 layers is advised)
<b>Dry content</b>	33 %
<b>Density</b>	Component A: 1,05 g/cm <sup>3</sup> - component B: 1,09 g/cm <sup>3</sup>
<b>Color</b>	White, clear when dry
<b>Mixing ratio</b>	Component A : component B – 10 : 1 (by volume)
<b>Pot life (20°C)</b>	5 hours
<b>Viscosity</b>	20 s at 25°C (DIN4)
<b>Minimal temperature</b>	13°C, air and substrate; 4° above dew point
<b>Drying (20°C – 60%RH)</b>	Dust dry: 3-4 hours Dry to touch: 3-5 hours Recoat after: 6-8 hours Maximum strength and chemical resistance after 7 days
<b>Storage</b>	6 months in un-opened container, keep dry and avoid freezing (5-30°C)
<b>Packaging</b>	5 kg set

### PREPARATION

Avoid drafts and air circulation. Close doors and windows during application. Ensure sufficient ventilation and avoid contact of CEMPUR 2K with moisture, insects and dust before the end of the drying period. Subfloor temperature should be 4° above dew point, In order to prevent condensation. Protect walls and skirtings against splatters, masking tape or cover foil should be removed immediately after application.

The surfaces must be clean and dry, free from dust, laitance, grease, oil and other contaminations.

### MIXING AND APPLICATION

CEMPUR 2K is supplied in a ready to use A component (base) and B component (hardener). Before application it is recommended to store both components at room temperature for 24 hours. Component A must be mixed before use. Pour component B into component A and mix thoroughly for 3 minutes with a low speed drill. Leave for 5 minutes before application.

CEMPUR 2K is applied by roller or brush in suitable thickness. It is advised to apply two coats of 100 – 120 g/m<sup>2</sup>. To avoid water entrapment, do not apply in thick layers. To avoid roller marks, try to apply in a uniform layer thickness.

## CLEANING

Wash hands thoroughly with soap and water. Tools and equipment can be cleaned with water. Cured CEMPUR 2K must be removed mechanically.

## HEALTH AND SAFETY



Exposed skin parts should be washed with warm water and soap before the primer has dried out.  
After washing: Apply a fat ointment or cream to exposed skin parts.  
Wear breathing and eye protection during spray application.  
Wear protective clothing to avoid skin contamination.  
Clean with water when spilling.

## DANGER

No hazard classification. Not hazardous under normal conditions of use.

## TRANSPORT

No transport classification. Should be transported free from frost.

## MAINTENANCE

Spills should be removed immediately (alkali, organic acids, mineral acids, wine, coffee, ketchup, mustard, ...)  
Do not leave moist equipment like shoes with leather or rope soles on top of the coated CEMART floor. Place them on a doormat.  
Clean the coated floor with a neutral cleaning agent; alkali or acid agents will damage the coating.

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## GENERAL

The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However, the client is obliged to determine himself whether the products are suitable for use. The characteristics given here are average values, obtained at 20°C and 50% RH, and were drawn up according to the current state of technology. As of publication, the present technical descriptions will replace all previous ones.

Please take into account different local conditions such as ventilation, floor temperature and humidity.  
Do not process at temperatures below +13°C, humidity should not exceed 60%.  
High humidity and low temperatures slow down the curing.  
Do not add other products!

Consult our web site [www.cemart.eu](http://www.cemart.eu) to download the latest version of our technical data sheet.

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