



Datum	artikelnummer
6/12/2021	902005

Cuore EPM 2000

Composition

Cuore EPM 2000 is a 3-component, solvent free, epoxy based mortar.

Application

Cuore EPM 2000 is applied as a repair mortar or coving mortar for different substrates as cementitious and concrete.

Technical properties

Density Resin + Hardener 2350 kg/m³

Compressive strength DIN 53454 ~ 40 N/mm²

Pre-treatment substrate

To ensure a permanent bonding of a synthetic finish, a correct pre-treatment of the substrate is necessary. In general it is assumed that all substrates to be finished must be free of grease, oil, dirt, moisture and other contaminations that may influence the adhesion with the substrate in a negative way. This applies to both existing and new substrates. Before the **Cuore EPM 2000** is applied, the substrate needs to be fitted with a primer from the **Cuore** range. On concrete floors and sand cementitious screeds, **Cuore EPM 2000** can be applied as a primer.

A manual about substrate pre-treatment is available on request.

Consumption

The consumption of the **Cuore EPM 2000** depends on the roughness of the substrate. The consumption at 1 mm layer thickness is about 2,35 kg/m²/mm. When applying a coving of 5 mm thickness (tile thickness) the consumption is 800 to 1000 grams/m¹.

Mixing ratio

0,66 Parts by weight Resin 601605

0,34 Parts by weight Hardener 801605

4 Parts by weight Filler 016050

Temperature substrate

min. 10 °C and max. 30 °C.

The temperature of the substrate must be at least 3 °C above the dew point.

Onze adviezen met betrekking tot de technische toepassing in woord, geschrift of door middel van proeven, worden naar beste weten verstrekt, doch gelden slechts als vrijblijvende aanwijzingen, ook ten aanzien van eventueel beschermende rechten van derden. Zij ontslaan u niet van de verplichting, de door ons geleverde producten op hun geschiktheid voor de beoogde procedures en doeleinden te controleren. Toepassing, gebruik en verwerking van de producten vinden plaats buiten onze controle mogelijkheden. Zij vallen derhalve onder uw eigen verantwoordelijkheid. In geval van eigen aansprakelijkheid blijft deze, voor alle schadegevallen, beperkt tot de waarde van de door ons geleverde en door u gebruikte goederen. Vanzelfsprekend garanderen wij u de goede kwaliteit van onze producten, e.e.a. volgens de in onze algemene verkoop- en leveringsvoorwaarden genoemde maatstaven.

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Relative Humidity	min. 30 % and max. 80 %
Application temperature	min. 10 °C and max. 30 °C
Application temperature material	min. 15 °C and max. 25 °C
Mixing procedure	1) Open the container with the resin and mix the material till it is homogenous. 2) Open the container with the hardener and add the hardener to the resin. 3) Mix both components mechanically about 2 minutes till a homogenous mixture is formed. A well mixed material is uniform in color without containing clear or dark spots. 4) To avoid mixing errors or unmixed residue; pour the mixed material into a clean and empty container and mix again for a short time. Never use unmixed residue of the material. 5) Open the bag with the filler and empty this in the container with the mixture of resin + hardener. Now mix the whole mechanically during 2 minutes minimum till a homogenous mass.
Application time	The application time of the Cuore EPM 2000 at 20 °C is about 25 to 30 minutes. Note: At a temperature rise of 10 °C the application time will reduce by half. At a temperature reduction of 10 °C the application time will double.
Drying and curing	The drying and curing times of the Cuore EPM 2000 at a consumption of 2,5 kg/m² are as follows: - recoatable : after 8 hours and a maximum within 48 hours at 20 °C - fully cured : after 7 days at 20 °C
Colour - structure - gloss	Sandbrown - smooth - glossy
Packaging	5 kg set packaging
Precautions	It is important that applicable requirements for working with synthetics are adhered to.

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It is therefore advised to avoid skin and eye contact, by using creams and/or liquid-proof gloves, safety glasses, etc. When processing **Cuore EPM 2000**, especially in small, enclosed spaces, it is recommended to ventilate very well.

Tools

Cuore EPM 2000 can be applied with:

- straight trowel

Tool cleaning

Used tools can be cleaned with Cuore Tool Cleaners.

Shelf life

In the original, unopened packaging, stored in a dry place between 5 °C en 25 °C, **Cuore EPM 2000** has a shelf life of 12 months minimum.

Note: **Cuore EPM 2000** may not be stored or exposed to temperatures beneath 5 °C.

Note: in time, a form of separation may occur. It is necessary to mix up the material to a 100% smooth, homogenous mass before the B and C component are added. When in doubt about the homogeneity and / or fineness, we advise to first pass the material through a sieve before further use. If the material can no longer be mixed up to a homogeneous, smooth mass, you can contact Cuore for advice.