



Cuore EP 1300

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Composition

Cuore EP 1300 is a 2-component, solvent free, epoxy primer.

Application

Cuore EP 1300 is applied as a universal primer for different substrates as sand cement and concrete.

Technical properties

Density Resin + Hardener 1100 kg/m³

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. New cement based substrates must be at least, 4 to 6 weeks old, and must have a moisture content of no more than 3%, measured according to the calcium carbide method, before **Cuore EP 1300** can be applied.

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

Consumption

The consumption of the **Cuore EP 1300** depends on the roughness and porosity of the substrate.

On average, the consumption is approx. 250 gram/m².

Mixing ration

66,67 Parts by weight Resin 601303

33,33 Parts by weight Hardener 801303

Temperature substrate

min. 10 °C and max. 30 °C.

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

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.

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 controlemogelijkheden. 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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Application time

The application time of the **Cuore EP 1300** at 20 °C is about 20 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 time

The drying and curing times of the **Cuore EP 1300**, at a consumption of 250 gram/m² **Cuore EP 1300** are as follows:

- re-coatable : after 16 hours and a maximum within 48 hours at 20 °C
- fully cured : after 7 days at 20 °C

Colour - structure - gloss

Colourless - smooth - glossy

Packaging

1 kg and 5 kg and 10 kg set packaging

Precautions

It is important that applicable requirements for working with synthetics are adhered to.

It is therefore advised to avoid skin and eye contact, by using creams and/or liquid-proof gloves, safety glasses, etc. When processing **Cuore EP 1300**, especially in small, enclosed spaces, it is recommended to ventilate very well.

Tools

Cuore EP 1300 can be applied with:

- roller
- straight trowel
- squeegee

Tool cleaning

Used tools can be cleaned with **Cuore** tool cleaner.

Shelf life

In the original, unopened packaging, stored in a dry place between 5 °C and 25 °C, **Cuore EP 1300** has a shelf life of 24 months minimum.

Note: **Cuore EP 1300** 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 component is 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.