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Cuore EP 1900

Composition	Cuore EP 1900 is a 2-component, solvent free, epoxy primer.
Application	Cuore EP 1900 is applied as a moisture barrier for different substrates as sand cement and concrete with a moisture percentage till 5%. To act as a moisture barrier, Cuore EP 1900 needs to be applied in a closed layer. A minimum of 2 layers is advised.
Technical properties	Density Resin + Hardener 1110 kg/m ³
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 1900 can be applied. A manual about substrate pre-treatment is available on request.
Consumption	The consumption of the Cuore EP 1900 depends on the roughness and porosity of the substrate. On average, the consumption is approx. 200-350 gram/m² per layer.
Mixing ratio	71,43 Parts by weight Resin 601309 28,57 Parts by weight Hardener 801309
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.

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

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.

The application time of the **Cuore EP 1900** at 20 °C is about 15 to 20 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 1900**, at a consumption of 350 gram/m²

are as follows:

- re coatable : after 6 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

5,25 kg and 8,5 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 1900**, especially in small, enclosed spaces, it is recommended to ventilate very well.

Tools

Cuore EP 1900 can be applied with:

- roller
- straight trowel
- squeegee

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 and 25 °C, Cuore EP 1900 has a shelf life of 24 months minimum.

Note: Cuore EP 1900 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.