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| 06/12/2021 | 102512<br>102525 |

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| <b>Description</b>                      | <b>Cuore EP 1250</b> is a 2-component, solvent free, epoxy primer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Application</b>                      | <b>EP 1250</b> is applied as a universal primer for different substrates as sand cement and concrete.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Technical properties</b>             | Density Resin + Hardener 1100 kg/m <sup>3</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Pre-treatment substrate</b>          | <p>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 <b>EP 1250</b> can be applied.</p> <p>A manual about substrate pre-treatment is available on request..</p> |
| <b>Consumption</b>                      | <p>The consumption of <b>EP 1250</b> depends on the roughness and porosity of the substrate.</p> <p>On average, the consumption is approx. 250 gram/m<sup>2</sup>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Mixing ration</b>                    | <p>67,48 Parts by weight Resin</p> <p>32.52 Parts by weight Hardener</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Temperature substrate</b>            | <p>min. 10 °C and max. 30 °C.</p> <p>The temperature of the substrate must be at least 3 °C above the dew point.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Relative Humidity</b>                | min. 30 % and max. 80 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Application temperature</b>          | min. 10 °C and max. 30 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Application temperature material</b> | min. 15 °C and max. 25 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Mixing procedure</b>                 | <ol style="list-style-type: none"> <li>1) Open the container with the resin and mix the material till it is homogenous.</li> <li>2) Open the container with the hardener and add the hardener to the resin.</li> <li>3) Mix both components mechanically about 2 minutes till a homogenous mixture is formed.</li> </ol> <p>A well- mixed material is uniform in color without containing clear or dark spots.</p> <ol style="list-style-type: none"> <li>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.</li> </ol>           |

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#### Application time

The application time of **EP 1250** 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 **EP 1250**, at a consumption of 250 gram/m<sup>2</sup> **EP 1250** 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

12kg and 25kg 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 **EP 1250**, especially in small, enclosed spaces, it is recommended to ventilate very well.

#### Tools

**EP 1250** 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, **EP 1250** has a shelf life of 24 months minimum.

**Note:** **EP 1250** 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.

#### Attention

**EP 1250** may only be applied by trained and professional installers.