

## Cuore WEP Base Clear

<b>Description</b>	<b>Cuore WEP Base Clear</b> is a transparent priming, impregnation (dust binder), and sealing material for concrete, cement screeds, etc.
<b>Application</b>	<b>Cuore WEP Base Clear</b> is vapour-permeable, so it can also be applied on surfaces consisting of anhydrite. The material should only be applied indoors (not UV resistant), and can be applied on damp substrates. When cured, the material has good chemical resistance (fuel, machine oil, benzol and benzol-containing mixtures, dilute acids and alkalis; check type of acid or lye per application.), and de-icing salts. <b>WEP Base Clear</b> should be applied in a thin layer. <b>WEP Base Clear</b> has an outstanding adhesion to metal substrates such as iron and steel, to existing coatings and various plastics.
<b>Substrate preparation</b>	De substrate must be dry and absorbent, and cannot contain cement dust, loose particles or substances that impair adhesion (oil, grease, etc). Contaminated substrates must be cleaned. Moving cracks must be sealed. Smooth, dense or cement-rich substrates must always be roughened by blasting (adhesion strength > 1.5 N/mm <sup>2</sup> ). When applying on an existing coat, the surface must be cleaned /sanded with an alkaline cleaning product before applying a new coat.
<b>Mixing</b>	Mixing ratio A:B = 1 : 2.3 (by weight). Add component B completely to the A component and then mix intensively with a slowly rotating mixer. Pour the mixed material into a clean container add water if necessary (up to 20%) and mix again thoroughly. Make sure the mixture is homogeneous before pouring out the product. The material is easier to mix and process if at low ambient temperatures, both components or the aggregates are heated. At high temperatures the packaging must be kept cool to prevent the processing time becoming too short.
<b>Processing time</b>	The application time is max. 45 minutes at 20°C (after a curing time of +/- 15 minutes). The processing and curing speed depends on the material and substrate temperature, the layer thickness and the air humidity. <b>WEP Base Clear</b> can be processed at a material temperature of 20°C for a maximum of 45 minutes. The end of the processing time is not visually perceptible because no viscosity change occurs. Material that has been mixed more than 60 minutes prior to application should not be processed again, as the material does not realise an even film, and colour differences may occur.
<b>Processing</b>	<b>Impregnation (transparent):</b> apply 1-2 working passes undiluted with an epoxy roller (height +/- 14mm). For dense substrates, the first coat may be diluted with max. 20% water. For best results, the material should be re-coated within 15 minutes after application of the last coat in one direction, and overlapping with a 50 cm wide roller (without additional material).

### Technical data

Mixing ratio	1 : 2,3
Processing time	30°C: +/- 20-25 min.

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	20°C: +/- 40-50 min. 10°C: +/- 10-100 min.
Processing temperature	Minimum 8°C (15-25°C). Surface temperature must be min. 3°C above dew point.

<b>Consumption</b>	Transparent sealing: +/- 120-150 g/m <sup>2</sup> per working step.
<b>Waiting times between working steps</b>	At 30°C: min.6-8 h max.12 h. At 20°C: min.12-16 h max.24 h At 10°C: min.24-36 h max.48h.
<b>Curing</b>	<u>At 20°C:</u> walkable after +/- 16h, mechanically loadable after +/- 2 days, chemically loadable after +/- 7 days.  Complete curing: at 30°C 3 days, at 10°C 10 days.
<b>Cleaning</b>	Tools should be cleaned with water after every longer break or when the work has finished.
<b>Packaging</b>	28 kg
<b>Storage</b>	Store cool, dry and frost-free. The material can be kept for at least a year in a tightly closed container.
<b>Note</b>	<b>Cuore WEP Base Clear</b> may only be used by trained and professional installers.