

E VERS® 200

Epoxy, two-component and colourless, high-quality construction resin for smooth and slip-resistant, high-strength industrial and parking floors.

<p>Product description</p>	<p>E VERS® 200 is a liquid, two-component, solvent-free construction epoxy resin with high chemical resistance and high water resistance, which is used as a base layer in resinous industrial and utility floor systems. It also works well as a primer and can be used for mudding and filling gaps and surface irregularities with the use of appropriate quartz fillers or glass and composite mats</p>
<p>Operating temperature for application</p>	<p>Recommended temperature range from +15 C to +25 C. When applying and curing the coating, the substrate temperature must always be 3 ° C above the dew point.</p>
<p>Preparation and quality of base area</p>	<p>The base area is usually a concrete or polymer surface. The base area must be clean and free of dust and loose particles. The concrete must be clearly dry with a minimum tensile strength of 1.5 N / mm². Contaminants such as oily or greasy layers, paint residues, chemical compound residues and cement wash must be removed. The best method of surface preparation is dust-free shot blasting. Other preparation, e.g. milling, manual or machine cleaning - grinding, firing, etc. is allowed.</p>
<p>Mixing and application</p>	<p>The components of E VERS® 200 are mixed for about 1-2 min at a ratio of 100: 50 to obtain a homogeneous mixture. Full application instructions are only available to licensed and authorized contractors.</p>
<p>Material consumption</p>	<p>Material consumption depends on the unevenness and degree of the prepared substrate, temperature, thickness of the coating as well as the tools and application method used.</p>
<p>Binding time</p>	<p>At temperatures between 15 ° C and 25 ° C, the following values should be taken:</p> <ul style="list-style-type: none"> • Foot traffic - 16 hours • Light vehicular traffic - 24 hours • Full cure - 7 days
<p>Properties of Component A</p>	<p>Appearance - colorless liquid</p> <ul style="list-style-type: none"> • Smell - characteristic • Flash point - non-flammable • Viscosity - 300–600 mPas • Density - 1.1–1.2 g / cm³

<p>Properties of Component B</p>	<p>Appearance - yellowish homogeneous liquid</p> <ul style="list-style-type: none"> • Smell - detectable amine • Flash point - not self-igniting • Viscosity - 300–400 mPas • pH value - approx. 12 • Density - 1.0–1.1 g / cm³
<p>Range of application</p>	<p>E VERS® 200 is used as a primer and base layer for the following floor systems:</p> <ul style="list-style-type: none"> • E VERS® COMPACT • E VERS® COMPACT R • E VERS® COMPACT AS • E VERS® SL • P FLEX® COMFORT
<p>VOC emissions</p>	<p>The E VERS® 200 components are solvent-free, tested for VOC emissions in accordance with EN ISO 11890: 2 and meet VOC emissions requirements for indoor floor systems VOC <500g / l</p>
<p>Packaging</p>	<p>The E VERS® 200 components are delivered as sets of components A + B, in factory-sealed containers marked with net weights: 10 kg + 5 kg, 20 kg + 10 kg</p>
<p>Tool cleaning and washing</p>	<p>Tool cleaning after work should be carried out in a designated place away from the production rooms and the place of application of coatings. You can use e.g. xylene or acetone for cleaning tools. During cleaning and washing, it is absolutely necessary to clean and wash according to the instructions of the solvents manufacturers and avoid spilling them on the freshly made floors.</p> <p>Description of procedures concerning packaging of all components is included in the Material Safety Data Sheets for individual components.</p>
<p>Health and safety notes</p>	<p>Some components of floor masses when unhardened are harmful to health.</p> <p>They may cause allergies in particularly sensitive people. Special precautions should be taken when carrying out work. The rooms where floors are prepared and made must be well ventilated. Workers should use: clothes, shoes, glasses and protective gloves. Detailed safety rules are given in the Material Safety Data Sheets. After hardening, polyurethane-cement flooring is physiologically inert to the human body. Safety Data Sheets containing detailed information on health and safety are provided for each material and ingredient supplied.</p>
<p>Storage</p>	<p>E VERS® 200 components should be stored in dry and shaded places. Optimal temperatures are 10-15 ° C.</p>

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