

## "Rizopur™ - 3120"

**- Rizopur™ - 3120 – Thixotropic Polyurethane Compound for Concrete Repair and Pasting**  
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### Description

Elastic thixotropic double compound based on polyurethane resin for concrete repair and pasting.

### Application

Rizopur™ - 3120 is used to repair and to fill cracks (dynamical) in elastic polyurethane covering

### Advantages

- it prevents cracking when surface deformation
- resistance to temperature drops
- no shrinkage
- easy to use
- possibility to apply it on different vertical surfaces

<b>Application system</b>	Used in floor coating system, "Rizokon™" as compound for repair. 1. Primer "Rizopox™ -1100". 2. Filler "Rizopox™ -3120". 3. Coatings out of elastic polyurethane materials.
<b>Restrictions</b>	- Moisture content for application is no more than 4%. - Strength of the base in compression is not less than 200 kgf / cm2. - Minimum foundation temperature during application is + 12°C. - Maximum foundation temperature during application is 25°C. - Relative humidity during application is no more than 70%. - Foundation temperature should be 3°C higher than the measured dew point.
<b>Preparation of surface</b>	The surface must be intact, clean, dry (humidity is not more than 4%), surface should be free from laitance, dirt, oils and contain no fragile and sticky particles. The strength of the base in compression is at least 200 kgf / cm2. For its preparation it is necessary to apply methods such as grinding, milling or shot blasting. After that it is necessary to dedust and use primer "Rizopox™ -1100".
<b>Mixing</b>	Open the bucket with a mixing component A and stir it into the original container with the slow-speed (300-450 rev. / min) an electric drill with a screw nozzle. Open the bucket with a component B, pour it all into a container of component A and mix thoroughly for 2 minutes.
<b>Application</b>	Apply with a spatula.
	<b>Technical data</b>
<b>Appearance</b>	thixotropic compound of grey colour
<b>Packaging (A + B)</b>	10 kg

### Physical data

<b>Density at +20 ° C</b>	(A + B) State Standard 28513-90	is not normalized
<b>Viscosity</b>		thixotropic
<b>Reaction ability</b>	Time of drying to 3 degree, at 20 ± 2°C, hour, not more than (State Standard 19007 - 73*)	18

<b>Mechanical properties (7 days and nights / +20°C)</b>	Tensile strength, not less (State Standard 11262-80*) Adhesion in isolation from concrete, not less (State Standard 28574-90) Elongation at break, not less than (State Standard 11262-80*)	5 MPa 2 MPa 60%
<b>Storage</b>	Store in a dry place at temperatures between +5°C to +30°C. Avoid direct exposure to sunlight. Containers with partly used material should be tightly-closed. <b>Do not freeze.</b>	
<b>Warranty period</b>	6 months from the date of production under the recommended storage condition in the original container.	
<b>Security measures</b>	Product may cause irritation in people with sensitive skin. Before you start work, apply protective cream on open areas of the skin. You must use protective clothing, gloves and glasses. If the composition or its components accidentally fall into the eye, respiratory or skin, rinse immediately with warm water and seek medical advice. Components A and B are flammable - no smoking allowed, to work with on-fire and use electric heaters near the place of storage materials and manufacturing operations. When working in closed areas it is important to ensure adequate ventilation during application and drying. In the liquid condition these components A and B can contaminate water sources, they cannot be discharged into sewage drains and ponds, as well as inadmissible their penetration into the soil.	
<b>Cleaning</b>	In order to remove uncured material from tools please use an organic solvent. Hardened composition can only be removed mechanically. Wash hands and non-protected areas of the skin with warm water and soap.	

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