

"Rizopox™ - 3110

- Rizopox™ - 3110 – Rapid-hardening Thixotropic Epoxy Compound for Concrete Repair and Pasting

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Description

Rizopox™ - 3110 is a rapid-hardening thixotropic compound based on epoxy resin for concrete repair and pasting

Application

it is used for rapid crack filling and basement damages repair such as crack, dints, joints destruction and so on.

Rizopox™ - 3110 is applied to strengthen adhesion of tough epoxy flooring (polymeric anchoring)

Advantages

- rapid curing even at low temperatures
- easy to use
- no shrinkage
- application on surfaces
- ready to use
- possibility to apply it on different vertical surfaces

Limitations	<ul style="list-style-type: none">- Moisture content for application is no more than 4%.- Strength of the base in compression is not less than 200 kgf / cm.- Minimum foundation temperature during application is + 5°C.- Maximum foundation temperature during application is + 25°C.- Relative humidity during application is no more than 80%.- Foundation temperature should be 3°C higher than the measured dew point.
Preparation of surface	The surface must be intact, clean, dry (humidity is no 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 / cm. For its preparation it is necessary to apply methods such as grinding, milling or shot blasting. After that it is necessary to dedust and to prime by primer "Rizopox™ -1100». May be applied on any epoxy materials and coatings of "SMT" company.
Mixing	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 re-mixed in for 2 minutes.
Application	Apply with a spatula.
	Technical data
Appearance	thixotropic compound of grey colour
Packaging (A + B)	10 kg

Physical data

Density at +20 ° C	(A + B) State Standard 28513-90	is not normalized
Viscosity		thixotropic
Reaction ability	Reaction time of drying to 3 degree, at 20 ± 2°C, hour, not more than (State Standard 19007 - 73*) Lifetime (A + B) at +20 ° C, min. Interlayer spacing, at temperature of +20°C, h Grinding (hardening at +20°C), h	6 20 6-48 12
Mechanical properties (7 days and nights / 20°C)	Tensile stress at compression is not less (State Standard 4651-82*) Tensile strength is not less (State Standard 11262-80*) Tearing strength is not less than (State Standard 28574-90) Adhesion of compound at concrete breaking is not less (State Standard 28574-90) Elongation at break, is not less than (GOST 11262-80*)	45 MPa 14 MPa 2 MPa 3%
Storage	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.	
Warranty period	6 months from the date of production at the recommended storage condition in the original term of the original container.	
Security measures	<p>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.</p> <p>Components A and B are flammable - no smoking allowed, to work with on-fire and indoor 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.</p> <p>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.</p>	
Cleaning	In order to remove uncured material from tools please use an organic solvent. Frozen composition can only be removed mechanically. Wash hands and non-protected areas of the skin with warm water and soap.	

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