

“RIZOPOX™ - 1100”

– Epoxy Prime Coating with Solvent.

TY 2257-014-43548961-2004

Description	Two-component prime coating based on epoxy resin containing a low viscosity solvent
Application	In a system of floor covering " <i>Rizokon</i> " as a primer or impregnation of mineral substrates for polymeric flooring based on epoxy resin. For dust control, and impregnation of mineral surfaces exposed to weak mechanical influence.
Advantages	<ul style="list-style-type: none"> - Forms a glossy surface. - Excellent penetration into the cement surface. - Long life period - Good hardening at low temperatures. - Easy mixing and application. - It can be applied by brush, roller or spray.
Certificates	Hygienic conclusion Center of State Sanitary and Epidemiological Surveillance in Moscow region number 71.TL.04.225.P.0000036.01.09 as of 21.09.2009;
Application systems	<p>Impregnation of mineral substrates "Rizopox™ - 1100" - 0.3-0.4 kg / sq m for 1 - 2 layers (Depending on the absorbency of the substrate) The primer for polymeric flooring. "Rizopox™ - 1100» - 0.3 ÷ 0.4 kg / sq.m. Powder by calcined quartz sand (depending upon the design) fraction of 0,1 ÷ 0,4 / 0,4 ÷ 0,8 / 0,8 ÷ 1,4 mm.;</p>
Restrictions	<ul style="list-style-type: none"> - If there is a danger of capillary rise of groundwater to the base (humidification equation) - you must waterproofing or vapor barrier. - Moisture content - not more than 4%. - The strength of the base in compression - not less than 200 kgs /sq. cm. - The concrete base (cement-sand screed) must be at least 28 days - Minimum substrate temperature during coating - + 5 ° C. - The maximum substrate temperature during coating - +30 ° C. - Relative humidity - no more than 90%. - Substrate temperature should be 3 ° C more than the measured dew point.
Surface preparation	<p>The surface must be intact, clean, dry (humidity not more than 4%), with no traces of laitance, dirt, oils and contain no fragile and sticky particles. The strength of the base in compression must be at least 200 kgs / sq.cm² Tensile strength is no less than 1.5 N / sq. mm.</p> <p>It necessary to apply methods such as grinding, milling or shot blasting. After this clean the surface.</p> <p>Porous areas, sinks, potholes, cracks, place drops (roughness) of the foundation must be pre-filled, repaired and lined with epoxy putty.</p>
Mixing	Open the bucket with the component A and stir it into the original container with the slow-speed (300-450 rev. / Min), an electric drill with a screw cap. Open the bucket with a component B, pour it all into a container of component A and mix thoroughly for 2-3 minutes by an electric mixer. Pour into another part of container and stir it for 1 minute.
Applying	Apply by the paint roller, brush thoroughly rubbing into the ground. Uniformly distribute over the surface-mined not to allow the formation of puddles and stains. Apply again on the surface with high absorbency. Immediately after application of the composition (for 10-20 min.), sprinkle the surface of calcined quartz sand, if it is provided by technology.
Technical data	
Contents of nonvolatile substance for A component	No more % (State Standard 12.1.014-84*)
Appearance	Colorless or light yellow liquid
Packaging (A + B)	Metal basket 18 kg

Physical data

Density at +20 ° C	(A + B) State Standard 28513-90	-1.00±0.03		
Dynamic viscosity at 20C	Component A+B (under B3-4)	-10-30 sec		
Reaction ability	Life time (1kg) Component A+B Hardening time You can walk Full mechanical loading	+15C +30 C 70 min m 1 day 7 days days	+20C 45 min 8 h 5 days	30 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 issue 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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