

**“Rizopox” TM -1410AS”**

**Conducting Epoxy Primer**

TU 2312-049-43548961-2008

<b>Description</b>	Conducting primer based on epoxy resin with a solvent for antistatic flooring.
<b>Application</b>	It is used as an intermediate conducting layer in the "Rizokon™. Antistatic coating-parameter ", capable to withstand the mechanical stresses of moderate intensity.
<b>Advantages</b>	- High electrical conductivity; - Ease of application; - Economy.
<b>Certificates</b>	-Hygienic conclusion of Center of State Sanitary and Epidemiological Surveillance in Moscow region of number 71.TC.04.231.P.001439.12.08 as of 08.12.2008
<b>Application systems</b>	In the system of floor coverings "Rizokon™. Antistatic ": <ol style="list-style-type: none"> <li>1. Preparation of the substrate according to the document "Guidelines for the device antistatic floor coverings"</li> <li>2. Primer "Rizopox"™ -1100" 0.3-0.4kg/m2</li> <li>3. Conductive copper tapes or anchoring earthlings 0.1-0.12kg/m3</li> <li>4. Primer "Rizopox"™ 1410 AS" 2.2-2.5kg/m2</li> <li>5. Antistatic covering "Rizopur"™ 5120 AS</li> </ol>
<b>Restrictions</b>	- Moisture content in the coating process - no more than 4%. - The strength of the base in compression - not less than 200 kgs / sq.cm. - The concrete base (cement-sand screed) prior to the application must be at least 28 days. - Minimum substrate temperature during application - 10 ° C. - The maximum substrate temperature during application - +30 ° C. - Relative humidity - no more than 80%. - Substrate temperature should be 3 ° C more than the measured dew point. - Flatness of the base no more than 2 mm by 2-meter rack.
<b>Surface preparation</b>	The surface must be intact, clean, dry (humidity not more than 4%) surface free from laitance, dirt, oils and contain no fragile and sticky particles. The strength of the base in compression at least 200 kgs/ sq.cm. It's necessary to use the method of grinding, milling or shot blasting for preparation. After that, the surface must be cleaned. Prepared surface composition primed by "Rizopox™ -1100», so to fill the pores. It is necessary to apply it repeatedly not to leave dry places, if the primer is absorbed into the base. Prior to coating the porous areas, sinks, potholes, cracks, places rewritten Disabilities (roughness) of the foundation should be carefully repaired and leveled with putty. <b>All training activities must comply with the base of document "Guidelines for the device antistatic flooring."</b> Be sure to make the finish sanding to smooth the base state (The presence of irregularities and roughness are not allowed). Re-prime by the compound of "Rizopox™ -1100» at a rate of 0.15-0.2 kg / m <sup>2</sup> , depending on the fraction of sand and of quantity in the putty composition. Install conductive copper tape or ground anchors. For getting more details, see "Guidelines for the device in the antistatic floor covering
<b>Mixing</b>	Open the bucket with the component A and mix thoroughly with slow-speed (300-450 rev. / Min), electric drill with a screw cap for 2 minutes. Open the bucket with a component B, pour it all into a container of component A and displacement stir until a homogeneous mixture. Pour into another part of container and stir it for 1 minute.
<b>Applying</b>	Apply by the paint roller, brush thoroughly rubbing into the ground. It is necessary uniformly distribution over the surface, to prevent the formation of puddles and stains. After polymerization, to test for conductivity. Strictly observe the flow of material, because of the uniform thickness of the antistatic coating layers depends on the magnitude and uniformity of the electrical conductivity of <b>Don't sprinkle by quartz sand</b>

	<b>Technical data</b>
<b>Contents of nonvolatile substance</b>	In component A, no more (State Standard 4651-82*) 34±2%
<b>Appearance</b>	Component A nontransparent viscous fluid of black color Component B fluid of dark brown color
<b>Packaging (A + B)</b>	10 kg

### Physical data

<b>Density at +20 ° C</b>	(A + B) (State Standard 28513-90)	-1.00±0.1 g/cm <sup>3</sup>
<b>Specific surface resistance Not more</b>	A+B (State Standard 6433.2-71)	10 <sup>-3</sup> Om
<b>Relative viscosity Under viscosymeter B3-4 At +20C</b>	(A+B) State Standard 8420-74	25±15 c
<b>Reaction capability</b>	Time for drying till 3 level at temperature 20±2 C H, no more (State Standard 19007-73*) 5	
<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>Warranty period</b>	6 months from the date of issue at the recommended storage condition in the original term of the original container.	
<b>Security measures</b>	<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>	
<b>Cleaning</b>	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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