

**"Rizopox™ - 3405 W SL»**

Water-dispersion self leveling epoxy flooring

TU 2257-43548961-2010

<b>Description</b>	Two component, low viscosity composition, based on water dispersion of epoxy resin.
<b>Application</b>	<p>It is use in floor systems <b>"Rizokon™"</b> (as the surface layer) to obtain a floor covering with smooth, matte finish, and special requirements for the flatness, including the surfaces with a moisture content exceeding 4%, withstanding mechanical loads during movement of pedestrians, hand carts and transport devices on the rubber and plastic motion of mild to moderate intensity in the constructing and reconstructing enterprises of food, light industry, electronic, pharmaceutical, engineering and agricultural industries.</p> <p>It is used to cover the surfaces of mineral-based:</p> <ul style="list-style-type: none"><li>- Concrete;</li><li>- Cement-sand covering;</li><li>- Stone.</li></ul> <p>And also:</p> <ul style="list-style-type: none"><li>- Wood;</li><li>- Asphalt.</li></ul>
<b>Advantages</b>	<ul style="list-style-type: none"><li>- Skip the water vapor.</li><li>- Does not require sealing.</li><li>- Good adhesion, including on the wet surface and fresh concrete.</li><li>- Easy to remove.</li><li>- High durability.</li><li>- Matt surface.</li><li>- High resistance to abrasion and scratching.</li><li>- Odorless.</li><li>- Can be used indoors and outdoors.</li><li>- Easy to use.</li><li>- Fast curing and commissioning.</li></ul>
<b>Certificates</b>	- Hygienic conclusion of the State Sanitary and Epidemiological Surveillance Center in Moscow region No.71.TL.04.225.П.000377.05.10 dd. 31.05.2010
<b>Application</b>	<p><b>"Rizokon™. Medium smooth W»</b></p> <p>1. Primer. "Rizopoks™ - 1301 W» + 25% water - 0,2 ÷ 0,3 kg / m<sup>2</sup> *</p> <p>2. Face layer. "Rizopoks™- 3405 W SL» - 2,5 ÷ 3,0 kg / m<sup>2</sup> *</p> <p>* Consumption is without water content.</p>
<b>Limitations</b>	<ul style="list-style-type: none"><li>- There should not be standing water, drops of dew on the surface;</li><li>- Age of the concrete base at least 7 days;</li><li>- Maximum relative air moisture - 80%;</li><li>- Foundation strength not less than 200 kg/cm<sup>2</sup>;</li><li>- Foundation strength as for separation at least 1.5 MPa;</li><li>- Protection from rain and water leaks within 16 hours (+20 ° C), 24 hours (+10 ° C);</li><li>- Minimum substrate temperature during coating - +10 ° C;</li><li>- Maximum substrate temperature during coating - +30 ° C.</li><li>- Materials of one lot number should be applied on adjacent surfaces, otherwise may have slight variations in color.</li></ul>
<b>Preparation of surface</b>	The surface must be sufficiently strong, smooth, fine, without any still water. Tensile strength is not less than 1.5 MPa. Unstable layers and contaminations, such as oil, grease, rubber residues and etc. should be removed mechanically, for example, using a scraper, sanding, sandblasting or shot blasting. Prepared surface should be thoroughly primed by putty <b>"Rizopoks™ - 1301 W»</b> so to fill all pores.
<b>Mixing</b>	Open the bucket with a mixing component A, mix it in the original packaging.
	Open the bucket with a component B, pour it all into a container of component A and mix well with slow-speed (300-450 rev./min) electric drill with a screw nozzle for 1 minute. Pour the compound in a suitable container and other intermix. To improve the spread ability of water add 1-2% of water by weight of the mixture (A + B).
<b>Application</b>	Pour this compound on the prepared surface and spread it on the surface with the help of serrated spatula or other tool. Use of the material on the side opposite to the exit. For better removal of air and getting a uniform thickness treat surface by spiked roller. Not allowed to take breaks in the deposition of more than 10-15 minutes. Otherwise, it may be

	formed visible border.			
	<b>Technical data</b>			
<b>Color</b>	According to the catalogue RAL			
<b>Packaging (A + B)</b>	- 20 kg			
	<b>Physical data</b>			
<b>Density At +20°C</b>	component A+B, g/cm3 (State Standard 28513-90)	1,55 ± 0,06		
<b>Life time At +20°C</b>	Component A+B+sand, minute, at least (State Standard 18249-72*)	60		
<b>Volatile matter</b>	Component A + B,%, not more than (State Standard 12.1.014-84*)	25		
<b>Reaction ability</b>		+10°C	+20°C	+30°C
	Lifetime (A+B)+sand	1,5 hour	1 hour	0,5 hour
	Cure time between coats: Min	30 hours	18 hours	10 hours
	Full load	14 days	7 days	5 days
<b>Mechanical properties (14 days/20°C)</b>	Adhesion of the coating at separation from concrete not less than, (State Standard 28574-90) (greater than the strength of concrete in tension) Compressive strength, not less than 30 MPa (State Standard 22783-77) Tensile strength not less than 7 MPa (State Standard 11262-80) Abrasion, no more (State Standard 13087-81)			2 MPa  30 MPa  7 MPa
<b>Storage</b>	Protect from frost. Store in a dry, heated room at a temperature of 0 ° C to +30 ° C. Do not let the pre-exposure to direct sunlight, heat and moisture.			
<b>Warranty period</b>	Warranty 6 months of the manufacture date, taking into account storage conditions in their original packaging time.			
<b>Security measures</b>	It is necessary to wear protective clothing, gloves and glasses. If compound or its components accidentally fall into the eye, respiratory or skin, rinse immediately with warm water and seek medical advice. Component B is a fire hazard - no smoking allowed, also prohibited work with an open fire and use electric heaters near the storage of the material. 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 it is recommended to wash it with water. 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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