

**"Rizopur™ -1521"**

One-component matt polyurethane varnish

TU 2257-053-43548961-2007

<b>Description</b>	One-component matte polyurethane varnish, containing a solvent. Moisture curing.
<b>Application</b>	It is used in systems of floor covering "Rizokon™" as the top layer in the under construction and reconstruction industrial and civil buildings of the different purposes, including: the enterprises of light industry, food, electronic, pharmaceutical industries, engineering facilities, agricultural production and housing and communal services.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>- Ready for usage;</li> <li>- Easy-to-apply;</li> <li>- Forms a smooth, matte top layer with no foreign matter;</li> <li>- Good abrasion resistance;</li> <li>- Fast curing and commissioning.</li> </ul>
<b>Certificates</b>	- Sanitary-Epidemiological Conclusion of the Federal Service for Supervision of Consumer Rights Protection and Human Welfare No. 77.99.34.225.D.011354.09.07 dd. 26.09.2007.
<b>Application system</b>	Protection and finishing of the surface layer in the construction of "Rizokon™».
<b>Restrictions</b>	<ul style="list-style-type: none"> <li>- Use only indoors.</li> <li>- Maximum relative humidity during application - 70%;</li> <li>- Minimum temperature of substrate during coating - +10 ° C.</li> <li>- Maximum temperature of substrate during coating - + 30 ° C;</li> <li>- In the case of transportation and storage at low temperature, before using the material it is necessary to keep in the warm room up to temperature of the material no less +10 ° C, then mix thoroughly.</li> </ul>
<b>Surface preparation</b>	<p>The surface must be sufficiently strong, smooth and fine, it should not contain still water. Tearing strength is not less than 1.5 N / sq mm. Remove unstable layers and impurities such as oil, grease, rubber residues, etc. mechanically, for example, by grinding, sandblasting or shot blasting.</p> <p>When applied to the epoxy or polyurethane polymer coating - surface should not have dust, debris, footprints of the shoes. If they exist - to carry out the dry cleaning.</p> <p>When applied to the old coating it is necessary to: implement the machine or mechanical cleaning. Remove dirty water or dust with a vacuum cleaner.</p> <p><i>Note: Give maximum attention to the surface cleaning when applied to the old coating. After lacquer applying contamination will be more noticeable.</i></p>
<b>Application</b>	<p>For even layer material is applied by roller with a short (5-8 mm) pile, resistant to the solvent at a rate of 0.1 kg/m<sup>2</sup>. Avoid creating drips, puddles, droplets. Apply the lacquer in the longitudinal direction, while rolling in the direction transverse by the "dry" roller. Do not make a break in the deposition more than 5 minutes to avoid the formation of traces of the roller. During application and hardening ensure adequate ventilation to prevent violations of the hardening and drying process.</p> <p>For application at low temperatures, we recommend dilution with the mixture of xylene and metoxypropilacetate (1:1).</p> <p>When the second layer, perform the lacquer appliance in the perpendicular direction to the first layer. The second layer can be applied after 24 hours.</p> <p>Close tightly the lid of the unused lacquer can.</p>

**Technical data**

<b>Mass fraction of low-volatile matter</b>	(State Standard P 52487-2005)	40%
<b>Appearance</b>	forms a homogeneous matte film after drying	
<b>Packaging</b>		5kg

<b>Physical data</b>		
<b>Density at +20C</b>	(State Standard 28513-90)	-0.94±0.05g/cm <sup>3</sup>
<b>Viscosity As per viscometer B3-246 (4 mm) at +20C</b>	(State Standard 8420-74)	45-80c
<b>Reaction capability</b>	Drying time till 3 degree, at 20±2C temperature, h, not more (State Standard 19007-73*)	3.5
<b>Resistance to static water action</b>		24 hours

<b>At +20C, not less</b>	(State Standard 9.403, method A)
<b>Mechanical properties</b>	<p>Adhesion to cross-cut, not more than (State Standard 15140-78) 1 point</p> <p>Film elasticity in bending, not more than (State Standard 6806-73) 1 mm</p> <p>Wearability, g/cm<sup>2</sup> (State Standard 20811, Method B) 0,0009</p>
<b>Storage</b>	Store in a dry heated room at temperatures between +5 ° C to +30 ° C. Avoid direct exposure to sunlight. Freezing is allowed during transportation.
<b>Warranty period</b>	6 months from the date of issue under recommended storage conditions in original packaging.
<b>Safety measures</b>	<p>This product may cause irritation on sensitive skin of people. Before you start work, apply protected cream to exposed skin. You must use protective clothing, gloves and glasses. If the composition or its components accidentally fall into the eyes, respiratory organs or skin, rinse immediately with warm water and consult a physician.</p> <p>The material is a fire hazard - no smoking allowed, working with on- firing and using electric heaters near the place of the material storage and manufacturing operations. When working in the enclosed spaces it is important to ensure appropriate ventilation during application and drying. In the liquid condition material can contaminate water sources, it can not be discharged into sewage drains and ponds, as well as inadmissible its penetration into the soil.</p>
<b>Tool 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 soap and water.

The information contained herein is based on a generalized technical and practical experience. Due to the inability to control the conditions of application of the material, affecting the process, Producer does not accept legal and other responsibility rising for the misuse or interpretation of this information. Specifications of material and equipment provided here are subject to change without prior notice.

**For complaints, suggestions and complaints please contact: [proposal@cmt-product.ru](mailto:proposal@cmt-product.ru).**