

"Rizopur™ -1520 W"

Matt polyurethane varnish based on water dispersion

TU 2257-055-43548961-2007

Description	Two-component matte polyurethane varnish based on water dispersion.
Application	It is used in system 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.
Advantages	<ul style="list-style-type: none"> - Odorless; - Easy-to-apply; - Forms a smooth, matte surface with no foreign matter; - Good wear resistance; - Resistant to UV radiation; - Fast hardening and laying.
Certificates	- Sanitary-Epidemiological Conclusion of the Federal Service for Supervision of Consumer Rights Protection and Human Welfare No. 77.99.34.225.D.011355.09.07 dated from 26.09.2007.
Application system	Protection and finishing of the surface layer in the construction of "Rizokon™".
Restrictions	<ul style="list-style-type: none"> - Use only indoors. - Maximum relative humidity during application - 70%; - Minimum temperature of substrate during coating - +10 ° C. - Maximum temperature of substrate during coating - + 30 ° C;
Surface preparation	<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 a surface should not have dust, debris, footprints of the shoes. If they exist please carry out the dry cleaning.</p> <p>When applied to the old coating it is necessary to: implement mechanical cleaning by a machine. 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>
Mixing	<p>Open the bucket with a component A, mix it in its original packaging. Open the bucket with component B, pour it all into a container of the component A and mix with the electric mixer (300-400 rpm) for 2 min.</p> <p>NOTE: DO NOT add the water into the composition!</p>
Application	<p>Material is applied by roller with a short (5-8 mm) pile for even layer at a rate of 0.05-0.1 kg/m². 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>When the second layer, perform the lacquer appliance in the perpendicular direction to the first layer.</p>

Technical data

Mass fraction of low-volatile matter	(Component A) (State Standard P 52487-2005)	30%
Appearance	forms a homogeneous matte film after drying	

Packaging	10kg	
Physical data		
Density at +20C	(A+B) (State Standard 28513-90)	-1.00±0.05g/cm ³
Relative viscosity	(Component A)	50±20c

As per viscometer B3-246 (6 mm) at +20C	(State Standard 8420-74)	
Reaction capability	Drying time till 3 degree, at 20±2C temperature, h, not more (State Standard 19007-73*)	8
Resistance to static water action At +20C, not less	(State Standard 9.403, method A)	24 hours
Mechanical properties	Adhesion to cross-cut, not more than (State Standard 15140-78) Film elasticity in bending, not more than (State Standard 6806-73) Comparison hardness by pencil method not more than Wearability is g/cm ² (State Standard 20811, Method B)	1 point 1 mm B 0,0003
Storage	Store in a dry heated room at temperatures between +5 ° C to +30 ° C. Avoid direct exposure to sunlight.	
Warranty period	6 months from the date of issue under recommended storage conditions in original packaging.	
Safety measures	<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 open fire 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>	
Tool cleaning	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.	

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