

**"Rizopur™ -5324"**

Self-leveling polyurethane flooring

TU 2257-058-43548961-2008

<b>Description</b>	Two-component composition based on polyurethane resin, solvent free.
<b>Application</b>	It is used in the system of floor covering " <b>Rizokon™ Sport</b> " as a base or a separate pouring layer for arrangements of waterproof elastic coatings, in the systems of universal sport covering «HG». Arrangement of the elastic coating on playgrounds, such as tennis courts, etc.
<b>Advantages</b>	- High elasticity; - Used indoors and outdoors; - Odorless; - Excellent spreadability.
<b>Certificates</b>	-
<b>Application system</b>	<p><b>Rizokon™ "Rizopur - MT.Sport"</b></p> <p>1. Primer "<b>Rizopox™ -1100</b>" - 0.3 - 0.4 kg / sqm for 1-2 layers (depending on the absorbing ability of the foundation)</p> <p>2. Force layer "<b>Rizopur™-5324</b>" -5.6 kg/m<sup>2</sup></p> <p>3. Front layer "<b>Rizopur™ - 5615W</b>" - 0.3 kg / m<sup>2</sup></p> <p><b>Rizokon™ "Rizopur - MT EPDM Sport"</b></p> <p>1. Primer "<b>Rizopox™ -1100</b>" - 0.3 - 0.4 kg / sqm for 1-2 layers (depending on the absorbing ability of the foundation)</p> <p>2. Force layer "<b>Rizopur™-5324</b>" -4.0 kg/m<sup>2</sup></p> <p>3. Front layer EPDM - granulated material of fraction 1-4 mm - 3.5 kg / m<sup>2</sup></p>
<b>Restrictions</b>	<ul style="list-style-type: none"> <li>- Temperature of the material during the work is 15-25 ° C;</li> <li>- Minimum foundation temperature during coating is +10 ° C.</li> <li>- Maximum foundation temperature during coating is +40 ° C.</li> <li>- Relative humidity is not less than 70%.</li> <li>- Foundation temperature should be 3 ° C higher than the measured dew point.</li> <li>- Avoid direct exposure to water during the curing (rain, water, mildew and etc.).</li> <li>- High temperature and humidity accelerate the curing process;</li> <li>- Low temperature and humidity slow the curing process;</li> </ul>
<b>Surface preparation</b>	<p>The surface must be intact, clean, dry (humidity not more than 4%), surface should be free from laitance, dirt, oils and contain no fragile and sticky particles. The strength of the base in compression is at least 150 kgf / cm<sup>2</sup>. Strength in tearing is not less than 1.5 N/mm<sup>2</sup>.</p> <p>The porous areas, sinks, potholes, cracks, differences places (roughness) of the foundation must be repaired and leveled beforehand. It is necessary to ensure the foundation evenness (difference not less than 2 mm on the 2 meter rod)</p>
<b>Mixing</b>	Open the bucket with a component A and stir it into the original container with the slow-speed (300-450 rev. / Min) electric drill with a screw nozzle for 2 minutes. Open the bucket with a component B, pour it all into the container of the component A and mix it thoroughly for 2 minutes by the electric mixer. Pour into another container and stir it for 1 minute.
<b>Application</b>	Pour the composition on the prepared foundation and spread it on the surface with small thickness with a serrated spatula or other tool. For better air removal and a even thickness treat the surface with the spiked roller in 10-15 minutes after application. Sprinkle the surface with EPDM granulated material (if it is stipulated by the construction) after 10-15 minutes after applying.

**Technical data**

<b>Appearance</b>	Green (approx. RAL 6021), beige (approximately RAL 1001), light blue (approx. RAL 5024), brick red, gray (approx. RAL 7038.)
<b>Components ratio</b>	A:B As per weight 3.85 : 1
<b>Packaging (A+B)</b>	Metal bucket 25kg

**Physical data**

<b>Density at +23C</b>	-1.43g/cm <sup>3</sup>
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<b>Viscosity at +20C</b>	-1.8-3.0 Pa c																
<b>Reaction capability</b>	<table border="0"> <thead> <tr> <th></th> <th>+12 °C</th> <th>+23°C</th> <th>+30°C</th> </tr> </thead> <tbody> <tr> <td><u>Lifetime (1 kg)</u> Component A+B</td> <td>70 min.</td> <td>50 min.</td> <td>25 min.</td> </tr> <tr> <td><u>Hardening time</u> You can walk after, +23 C/50%</td> <td></td> <td></td> <td>18 hours</td> </tr> <tr> <td>You can remove excess EPDM-granulated material, +23C/50%</td> <td></td> <td></td> <td>24 hours</td> </tr> </tbody> </table>		+12 °C	+23°C	+30°C	<u>Lifetime (1 kg)</u> Component A+B	70 min.	50 min.	25 min.	<u>Hardening time</u> You can walk after, +23 C/50%			18 hours	You can remove excess EPDM-granulated material, +23C/50%			24 hours
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<b>Storage</b>	Store in a dry place at temperatures between +5 ° C to +25 ° C. Avoid direct exposure to sunlight																
<b>Warranty period</b>	12 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, to work with on- fire and use 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 the component 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.																

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