

"Rizopur™ -1700"

One-component polyurethane prime coating with a solvent
TU 2312-054-43548961-2007

Description	One-component polyurethane prime coating, containing a solvent.
Application	It is used in a systems of floor covering "Rizokon™" as a prime coating of the mineral base under polymer floor coatings on the basis of the polyurethane resin. Used for dedusting of mineral surfaces, exposed to weak mechanical effect.
Advantages	<ul style="list-style-type: none"> - Forms a semigloss surface. - Excellent penetration into the cement surfaces. - Good curing at low temperatures. - Easy to use. - Can be applied by brush, roller or spray
Application system	Dip of the mineral bases and prime coating under polymer coatings "Rizopur™ -1700" 1-2 layers of 0.3-0.4 kg/sq m (Depending on the substrate absorbency)
Restrictions	<ul style="list-style-type: none"> - If there is a danger of capillary rise of groundwater to the base (humidification) - you must implement waterproofing or vapor barrier. - Moisture of the base - not more than 4%. - The strength of the base in compression - not less than 200 kgf / sq cm. - The concrete base (cement-sand screed) must be at least 28 days. - Minimum substrate temperature during coating - + 5 ° C. - Maximum substrate temperature during coating - +30 ° C. - Relative air humidity - no more than 70%. - Substrate temperature should be 3 ° C greater than the measured dew point
Surface preparation	<p>The surface must be with no damages, 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 kgf / cm². Tensile strength is no less than 1.5 N / sq. mm.</p> <p>To prepare a surface apply methods such as grinding, milling or shot-blasting and then dedust the surface.</p> <p>Porous areas, sinks, potholes, cracks, place drops (bumps) of the base must be pre-filled, repaired and aligned with the using putty.</p>
Application	Apply with the paint roller, brush thoroughly rubbing into the ground. To uniformly distribute on the surface, to prevent the formation of puddles and stains. You should apply the composition again on the surface with high absorbency.

Technical data

Mass fraction of low-volatile matter	Not less than 50% (State Standard P 52487-2005)
Appearance	a homogeneous semi-gloss film is formed after polymerization
Packaging (A+B)	Metal bucket 20kg

Physical data	
Density g/cm³ at +20C	-1.00±0.05 (State Standard 28513-90)
Relative viscosity As per viscometer B3-4 at +20C	30-70c (State Standard 8420-74)
Reaction capability	Drying time till 3 degree, at 20±2C temperature, air humidity 50% h, not more 8 (State Standard 19007-73*) Adhesion of the coating in the separation of the concrete, MPa, not less than 2 (State Standard 28574-90)
Storage	Store in a dry room at temperatures between +5 ° C to +30 ° C. Avoid direct exposure to sunlight. Tanks with a partially-used material should be tightly closed.
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 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>
Tool cleaning	<p>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.</p>

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.

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