

“Rizotop™ 2010”

Low-shrinkage industrial floors on cement-based for machine laying.

TU 5745-037-43548961-2004 with changing

Description	Rigidly plastic, Low-shrinkage dry mixture of cement-based filler and functional additives.						
Application	To perform the floor covering that can withstand significant mechanical loads and moderate intensity. Field of <i>application</i> : - Production facilities; - Ramp; - Warehouses; - Parking; - Hospitals, schools and other educational institutions; - Civil Engineering; - Alignment of the base before applying facial coverings.						
Advantages	- Low-shrinkage composition; - Applied to the inclined surface; - Applied by hand; - Update and covering old floors; - Dries quickly and gaining strength; - An excellent substrate for tile and roll materials; - An excellent substrate for polymer coatings based on epoxy, polyurethane and acrylic resins.						
Certificates	- Sanitary-Epidemiological Conclusion of the Federal Service for Supervision of Consumer Rights Protection and Human Welfare in the Tula region number 71.TL.04.574.P.000832.10.09 as of 22.10.2009;						
Application thick	10-50mm						
Application systems	<table border="0"> <tr> <td>“Rizogard™ -2250” +Water +ПЦ -500 (1:2:5.5)</td> <td>-0.5-0.7 kg/sq.m*</td> </tr> <tr> <td>“Rizotop™ -2210”</td> <td>-2.1-2.3 kg/sq.m.m/mm</td> </tr> <tr> <td>“Rizogard™ -7510” (if necessary)</td> <td>-0.1-0.15 kg/sq.m</td> </tr> </table> <ul style="list-style-type: none"> • Consumption is shown for mixture 	“Rizogard™ -2250” +Water +ПЦ -500 (1:2:5.5)	-0.5-0.7 kg/sq.m*	“Rizotop™ -2210”	-2.1-2.3 kg/sq.m.m/mm	“Rizogard™ -7510” (if necessary)	-0.1-0.15 kg/sq.m
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“Rizogard™ -7510” (if necessary)	-0.1-0.15 kg/sq.m						
Restrictions	- <i>Do not exceed the recommended water flow.</i> - Strictly follow the recommended thickness of the coating. - When using outdoors, protect freshly coated by direct exposure to sunlight, high temperatures and strong winds, the temperature drops temperature, leading to the formation of cracks. - Avoid getting wet for 24 hours after application. - Minimum temperature of the concrete surface during application - + 5 ° C. - Maximum temperature of the concrete surface during application - +30 ° C. - Prior to application of polymeric materials as necessary to apply mechanical processing to remove the grout (if you plan to apply the polymer coverage, do not use “Rizogard™ -7510» as membrane make)						
Surface preparation	The surface of the base before applying the composition must be clean, free from the crumbling and loose materials, dirt, oils, grease and other contaminants. Compressive strength is not less than 15 MPa, tensile strength is not less than 1.0 MPa. Base subjected to mechanical processing to produce a well textured surface free of laitance. Weak layers must be removed, surface defects: holes, voids, etc. must be completely open. Cracks must be repaired. All dust and debris before coating must be removed from the bottom with a vacuum cleaner. Before applying the coating onto the prepared substrate using a roller or brush cause of the “Rizopox™ -2250» + Water + ПЦ-500 (1:2:5,5) as an adhesive bridge between the “Rizotop™ -2210» and the base. In the process of surface treatment adhesive composition “Rizopox™ -2250» + Water +						
	PC-500 (1:2:5,5) a mixture of “ Rizotop™ -2210» must be applied according to the technology “ Fresh on fresh. ”						
Mixing	Mix in a mechanical mixer “Rizotop™ -2210» with water from the calculation: 1.8-1.9 liters of water to 1 bag (30 kg) mixture. Mix thoroughly until a homogeneous plastic mass without lumps or dry particles. Strictly observe the amount of water for preparation of solution.						
Application	Pour the composition of the prepared foundation and distribute it to the surface for obtaining of the required thickness by using the rules or the control rods. Use trowel or float at the walls, columns and corners. After giving a mixture of the desired thickness, and make reparation for the seal by concrete finishing machine. Use smoothing disk as a working tool. It can be using						

	of hand tools at small and hard to reach areas, for smoothing and sealing. After 4-12 hours after application, to improve the conditions of curing and a strength of buckles apply "Rizogard™ -7510».
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Technical data

Appearance	A homogeneous dry mixture of natural color of cement.
Package	Paper bag with polyethylene insert

Physical data

flexural strength	MPa after 28 days not less (State standard 310.4-81)	-7.0
compressive resistance	MPa after 28 days not less (State standard 310.4-81)	-35
Vitality at +20C	Min. not less	-25
Time for drying At +20C	You can step Full loading	-12 h. -3 days
Covering application At +20C	Epoxy materials on water basis Epoxy materials without solvent Epoxy materials with solvent	-2 days -3 days (at basis humidity not more 4%) - 5 days (basis humidity is not more 4%)
Store	Store in a dry, heated conditions at temperatures not lower than +5 ° C. It is avoid direct exposure to solar rays, heat and moisture.	
Transportation	The product is packed in paper bags, transported in covered vehicles, which protect the product from atmospheric precipitation, in accordance with the rules of transportation of goods, operating on the kind of transport.	
Warranty	6 months from the date of issue under recommended storage conditions in original packaging and stored under proper conditions.	
Safety precautions	The product contains cement which, at prolonged contact with skin, irritating it and can cause allergic reactions. Avoid prolonged contact with skin and eyes. In case of irritation rinse eyes thoroughly with water if necessary, consult a doctor	

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