

“Rizotop™ 2230”

Self-leveling industrial floors, cement-based

TU 5745-038-43548961-2005 with changing No. 1

Description	Self-leveling 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; - Warehouses; - Hospitals, schools and other educational institutions; - Civil Engineering; - repair of floor at domestic conditions - roof
Advantages	- Self-leveling and high floating composition; - Applied by pump or hand; - High-strength (not less M300) - Quick-hardening (about 5 hours to walkway loading) - Quickly gaining of full strength (brand M250 for 7 days); - An excellent substrate for tile and roll materials (saving of glue); - An excellent substrate for polymer coatings based on artificial resin, - Technological (mixture is not dividing at putting) - Quick-drying (humidity of material not more 4% in 1-2 days)
Application thick	3-20 mm
Application systems	“Rizogard™ -7601 -0.5-0.6* kg/sq.m “Rizotop™ - 2230” -1.8-2.0 kg/sq.m.m/mm “Rizogard™ -7510 -0.1-0.15 kg/sq.m
Restrictions	- <i>Do not exceed the recommended water flow.</i> - It is not recommended to apply more than 20 mm - 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. - Before applying the epoxy to use a mechanical treatment to remove laitance
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 20 MPa, tensile strength is not less than 1.5 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. Defects and potholes with depth more 30 mm must be repaired by cement putty. 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 "Rizogard™ -7601» to regulate the water absorption of the substrate.. In the case of grounds with a large absorbent it is recommended to increase consumption of "Rizogard™ -7601».
Mixing	In a specially prepared container to pour 5.3 liters of water. Open the "Rizotop™ - 2230." Bag. With constant stirring, slowly pour the contents of the bag into the container. Stir for 2-3 minutes until a homogeneous mixture is obtained. To use a slow-speed (300-450 rev. / Min) electric drill with a nozzle for cement materials. Give the prepared compound maintains 1-2 minutes, and then stir again 2 minutes.
Applying	Pour the compound of the prepared foundation and distribute it to the surface for obtaining of the required thickness by using trowel or doctor blade. To remove the air and get a flat surface, in 5-10 minutes. After application roll compound with needle roller in two directions
Maintenance for covering	After 5-6 hours (possibility for walking) after plating, the surface of the handle it by membrane maker "Rizogard™ -7510» to increase strength and reduce evaporation. In the case of undesirable "Rizogard-7510," for example, during the subsequent device coatings based on synthetic resins, for the care of a layer of "Rizotop-2230" to apply the plastic wrap.

Technical data

Appearance	A homogeneous dry mixture of natural color of cement.	
Package	Paper bag with polyethylene insert	30 kg

Physical data

Flexural strength	MPa after 28 days not less (State standard 310.4-81)	-8.0
Compressive resistance	MPa after 28 days not less (State standard 310.4-81)	-30
Vitality at +20C	Min. not less	-20
Time for drying At +20C	You can step Full loading	-5-6 h. -2 days
Covering application At +20C	Epoxy materials on water basis Epoxy materials without solvent Epoxy materials with solvent	-1 day -1-2 days (at basis humidity not more 4%) - 1-2 days (at basis humidity not more 4%)
Storage	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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