

“Rizotop™ 2220”

Self-leveling industrial floors, cement-based

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

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| 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> : <ul style="list-style-type: none">- Production facilities;- Warehouses;- Hospitals, schools and other educational institutions;- Civil Engineering;- repair of floor at domestic conditions- roof |
| Advantages | <ul style="list-style-type: none">- Self-leveling and high floating composition;- Applied by pump or 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 Moscow region number 71.TC.04.574.P.000860.10.09 as of 30.10.2009.; |
| Applying thick | 3-15 mm |
| Application systems | “Rizogard™ -2250” +200% Water -0.10-0.20* kg/sq.m “Rizotop™ - 2220” -1.8-2.0 kg/sq.m.m/mm <ul style="list-style-type: none">• Consumption is shown with the addition of water and depends on the porosity of the base and its absorbcency. |
| Restrictions | <ul style="list-style-type: none">- <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.- The maximum allowable slope - 1%. |
| 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. Defects and potholes must be repaired by cement putty. Cracks, seams and minor defects must be repaired by epoxy putty with the mandatory backfilling the surface of quartz sand "under coat." 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™ -2250» to ensure adequate adhesion strength. In the case of grounds with a large absorbent recommended increase consumption of "Rizogard™ -2250». It is not allowed to form a coating visible film. |
| Mixing | In a specially prepared container to pour 4.8 liters of water. Open the "Rizotop™ - 2220." 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 screw cap. Give the prepared compound maintains 1-2 minutes, and then stir again thoroughly. |
| 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 10-15 minutes. After application roll compound with needle roller in two directions |
| Maintenance for covering | After 18-24 hours after plating, the surface of the handle it by membrane maker "Rizogard™ -7510» to increase strength and reduce evaporation. If you plan coated floor, do not apply the compound of the "Rizogard™ -7510», and to take care of the surface by normal means (polyethylene film, etc.) prior to application of |

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| | polymeric materials, if necessary apply mechanical treatment to remove laitance. |
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Technical data

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

Physical data

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| Flexural strength | MPa after 28 days not less (State standard 310.4-81) | -6.0 |
| Compressive resistance | MPa after 28 days not less (State standard 310.4-81) | -30 |
| Vitality at +20C | Min. not less | -30 |
| Time for drying At +20C | You can step Mechanical treatment Full loading | -24 h. -3 days -7 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%) - 3 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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