

ZNR™ READY MIX

Cement-Based, Ready Mixed Concrete

Product Description	Cement and quartz aggregate based ready mixed concrete which is suitable for indoors and outdoors and can be applied to obtain surface smoothness.																						
Product Number	313																						
Areas of Application	<ul style="list-style-type: none">• Under ceramic, granite, marble, etc. coatings,• Under wood, parquet, laminate, etc. coatings,• As filling material under underfloor heating systems,• Under carpet and rubber coatings,• For inclined alum applications,• Terraces and balconies,• For manufacturing of garden and pedestrian ways,• For works for car parks and roads with vehicle traffic,• For correcting various grounds that are not in desired smoothness,																						
Characteristics /Advantages	<ul style="list-style-type: none">• The product is applied faster than standard concrete.• Saves time and labor.• Can be applied by hand, plaster and alum machines.• Provides highly economic use.																						
Technical Data	<table><tr><td>Powder Color</td><td>Grey</td></tr><tr><td>Package</td><td>20 kg kraft bags</td></tr><tr><td>Density</td><td>~2.00 kg/m³ (powder mortar)</td></tr><tr><td>Working Temperature</td><td>Surface temperature minimum 5°C</td></tr><tr><td>Application Time</td><td>~30 minutes</td></tr><tr><td>Opening for Traffic</td><td>24–48 hours</td></tr><tr><td>Application tools</td><td>Can be applied by a suitable trowel, plaster or alum machine.</td></tr><tr><td>Pressure Strength</td><td>~25.0 N/mm² in 7 days ~35.0 N/mm² in 28 days</td></tr><tr><td>Consumption</td><td>Varies depending on surface conditions. ~2 kg/m² material is required for every 1 mm of thickness.</td></tr><tr><td>Storage</td><td>Shelf life is approximately 12 months. Products should be stacked in a cool and dry place, with maximum 10 bags on each other.</td></tr></table>			Powder Color	Grey	Package	20 kg kraft bags	Density	~2.00 kg/m³ (powder mortar)	Working Temperature	Surface temperature minimum 5°C	Application Time	~30 minutes	Opening for Traffic	24–48 hours	Application tools	Can be applied by a suitable trowel, plaster or alum machine.	Pressure Strength	~25.0 N/mm² in 7 days ~35.0 N/mm² in 28 days	Consumption	Varies depending on surface conditions. ~2 kg/m² material is required for every 1 mm of thickness.	Storage	Shelf life is approximately 12 months. Products should be stacked in a cool and dry place, with maximum 10 bags on each other.
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Surface Preparation	The application surface should be cleaned from loose parts, grease and other chemicals and should be crack-free, dry and clean. Apply ZNR PRIMER before application.																						
Preparation Instructions	Pour the powder material (20 kg) into 2,5 – 3,5 lt (variable, depending on air temperature) clean and cool mixing water and mix with a proper low-speed mixer for 3-4 minutes to obtain a homogenous and smooth mixture. Do not add water into the powder material.																						
Application	Propagate the prepared screed using a trowel or machine with the desired thickness (2-6 cm thickness) and then strike off using straightedge. Level the surface using a mechanical power trowel when the surface starts setting. Water the surface regularly for 7 days after 24 hours of application for alum strength. It is recommended to make the application at a temperature between +5 and +35 °C.																						
Considerations	<ul style="list-style-type: none">• The surface must be cleaned from adherence reducing materials and a suitable primer must be used.• Do not add water into the mortar that has already hardened.• Protect the area where the application is fresh from high temperature, UV and airflow.• Do not add any foreign matters (lime, cement, gypsum, etc.) into the prepared mortar.• Water the surface regularly for 7 days after 24 hours of application.																						
General Matters	Abovementioned product data and descriptions are prepared for guiding purposes as a result of our experiences and diligent studies. We, individually, can not control or affect the variety of the related materials and various construction and working conditions. Warranty is limited to only quality of the purchased material for the applications that are not under our control. No warranty is committed for application, but only for product manufacturing. This technical flyer overrides former flyers. Quality of the work may vary depending on how professionally the product is used. In case of hesitation, please perform a small test or ask for technical help.																						
Disposal	Empty packings can be disposed to collection bins according to regional/local regulations or recycling rules. Dispose used waste materials as construction waste materials after drying and hardening. It is dangerous to dispose by burning the product remnants.																						
Safety Information	Keep the products out of reach of children. Keep the lids of the products closed. It is recommended to use gloves and goggles during application. In case of contact with skin,																						

wash immediately with soap. In case of contact with eyes, immediately consult a doctor. For more information, please refer to the material safety data sheet.