

ZNR™ SUPER PLASTER

Fiber Based Ready Machine and Hand Plaster

Product Description	Cement-based, fiber-added and high performance ready machine and hand plaster, which consists of environmentally friendly additives and aggregates that have special granulometry.																								
Product Number	507																								
Areas of Application	<ul style="list-style-type: none"> • Internal and external façades, • Walls or ceilings, especially on gas concrete surfaces, • Weight bearing elements such as columns, beams and reinforced curtains, • As sub- or finishing plaster for mineral and organic based plasters, • Brick, exposed concrete, pumice, briquette concrete surfaces, • Sub-basement and under-floor levels, surfaces not getting sunlight, • Basements and places continuously exposed to humidity. 																								
Characteristics /Advantages	<ul style="list-style-type: none"> • Not affected by water. Resistant against external effects and frost. • Significantly prevents bleeding and moulding. Protects the value of the applied structure. • Can be applied by machine or by hand. • Enables the surface breathe easily thanks to its high water vapor permeability. • Reduces consumption of the paint to be applied on. • Suitable for horizontal, vertical and ceiling applications. • Features perfect adherence. 																								
Technical Data	<table> <tr> <td>Powder Color</td><td>Grey</td></tr> <tr> <td>Package</td><td>35 kg kraft bags</td></tr> <tr> <td>Density (Fresh Mortar)</td><td>~1,6 kg/m³ (23°C)</td></tr> <tr> <td>Working Temperature</td><td>+5°C / +35°C</td></tr> <tr> <td>Pot life</td><td>Approximately 120 minutes</td></tr> <tr> <td>Capillary Water Absorption</td><td>W1 ≤ 0.40 kg/m². min. 0.5 (28 Days)</td></tr> <tr> <td>Flexural Strength</td><td>≥ 2 N/mm² (28 days) ~ 4 N/mm² (28 days)</td></tr> <tr> <td>Compressive Strength</td><td>≥ 6 N/mm² (CS IV) (28 days) ~ 14 N/mm² (28 days)</td></tr> <tr> <td>Bond strength</td><td>0.5 - 1 N/mm² (28 days) ~ 0.8 N/mm² (28 days)</td></tr> <tr> <td>Reaction to Fire</td><td>Class A1</td></tr> <tr> <td>Consumption</td><td>Varying depending on surface conditions, Approximately 1.6 kg/m² powder material is used for 1mm 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	35 kg kraft bags	Density (Fresh Mortar)	~1,6 kg/m ³ (23°C)	Working Temperature	+5°C / +35°C	Pot life	Approximately 120 minutes	Capillary Water Absorption	W1 ≤ 0.40 kg/m ² . min. 0.5 (28 Days)	Flexural Strength	≥ 2 N/mm ² (28 days) ~ 4 N/mm ² (28 days)	Compressive Strength	≥ 6 N/mm ² (CS IV) (28 days) ~ 14 N/mm ² (28 days)	Bond strength	0.5 - 1 N/mm ² (28 days) ~ 0.8 N/mm ² (28 days)	Reaction to Fire	Class A1	Consumption	Varying depending on surface conditions, Approximately 1.6 kg/m ² powder material is used for 1mm 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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Reference Standard	TS EN 998-1 / General purpose rough and finish plaster — Class GP																								
Surface Preparation	<p>Pay attention that curing time of the surface should be completed and the surface should be firm for cement-based surfaces.</p> <p>The application surface should be cleaned from loose parts, grease and other chemicals and should be crack-free, dry and clean. Make the surface ready for plaster application by wetting the surface using a brush or sponge (dry wet). Use plaster profiles at centers. Use plaster mesh at connection points of columns and beams. Wet gas concrete and pumice brick walls before application more than other walls. It is recommended to use ZNR Primer P250 under extremely hot conditions and when surface absorption is higher.</p>																								
Preparation Instructions	Pour the powder material (35 kg) into 7.0-8.0 kg (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 and wait for 5 minutes. Make the maturing material ready for use by re-mixing. Do not add water into the powder material.																								

Application	It is recommended to make the application at a temperature between +5 and +35 °C. Plaster the prepared material onto the surface with a steel trowel. If required, make the surface ready for covering by removing the traces on the surface by means of trefoil and sponge applications when the plaster mortar is about to dry. It is recommended to apply ZNR Satin Plaster for smoother and glassy surfaces. After curing of the surface, a coating with the desired color and appearance can be applied.
Considerations	<ul style="list-style-type: none">• Protect the ambient from wind and sunlight during application.• Saturation of the water with water is crucial.
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.