

ZNR™ P 500
Moisture Barrier Special Epoxy Resin Based Impregnated Primer

Product Description	Moisture barrier epoxy impregnated primer that can be used under epoxy, polyurethane and resin based systems and for concrete, alum and mosaic surfaces and even on moist surfaces and that creates moisture barrier on the application surface.																		
Product Number	404																		
Areas of Application	<ul style="list-style-type: none"> As primer - adherence enhancer and moister barrier for cement based mortars, As primer - adherence enhancer and moister barrier for hardened concretes, As primer - adherence enhancer for fresh concrete applications, As primer - adherence enhancer and moisture barrier for polyurethane and epoxy based systems. 																		
Characteristics /Advantages	<ul style="list-style-type: none"> Economic. Easy and fast to use. Suitable for indoor and outdoor applications. Water based, solvent-free, odorless. Suitable for using at closed areas or areas with no ventilation. Suitable for absorbent surfaces. Perfectly penetrates on the application surface and fills in capillary holes. Suitable for all concrete, alum and mosaic surfaces. 																		
Technical Data	<table border="1"> <tr> <td>Package</td><td>A:3.35 kg, B:4.15 kg C:7.5 kg 15 kg sets</td></tr> <tr> <td>Appearance</td><td>Yellowish liquid</td></tr> <tr> <td>Density</td><td>~1.00 gr/cm³ (at 23 °C)</td></tr> <tr> <td>Viscosity</td><td>25 – 35 KU (~76 mPa.s)</td></tr> <tr> <td>Application surface temperature</td><td>+5°C / +35 °C</td></tr> <tr> <td>Full-Dry Time</td><td>Minimum waiting time for proceeding with coating is minimum 6 hours and maximum 24 hours. Curing time extends at low temperatures and environments with high humidity.</td></tr> <tr> <td>Pot life</td><td>35 minutes (never use after 35 minutes)</td></tr> <tr> <td>Consumption</td><td>0,150-0,250 kg/m² (variable, depending on surface conditions and usage purpose)</td></tr> <tr> <td>Storage</td><td>Shelf life is 12 months. Products should be stacked in a cool and dry place.</td></tr> </table>	Package	A:3.35 kg, B:4.15 kg C:7.5 kg 15 kg sets	Appearance	Yellowish liquid	Density	~1.00 gr/cm ³ (at 23 °C)	Viscosity	25 – 35 KU (~76 mPa.s)	Application surface temperature	+5°C / +35 °C	Full-Dry Time	Minimum waiting time for proceeding with coating is minimum 6 hours and maximum 24 hours. Curing time extends at low temperatures and environments with high humidity.	Pot life	35 minutes (never use after 35 minutes)	Consumption	0,150-0,250 kg/m ² (variable, depending on surface conditions and usage purpose)	Storage	Shelf life is 12 months. Products should be stacked in a cool and dry place.
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Surface Preparation	Remove loose parts, grease and other chemicals from the application area and repair the defects on the surface using suitable epoxy-based ZNR REPAIR Mortars .																		
Preparation Instructions	Mix components A and B with each other at first. Pour the mixture into Component C (a large can) and mix all for two minutes with a mixer until homogeneous mixture is achieved. (Component C can be added less depending on the humidity in the environment.)																		
Application	Apply on previously prepared surface avoiding accumulation using a roller, brush or trowel.																		
Considerations	<ul style="list-style-type: none"> Application area of ZNR P 500 can be humid but accumulation must be avoided. Concrete surface must be solid and have adequate compressive strength (minimum 25N/mm²) After about 45 minutes upon mixing, irreversible gelling will start. This can not be distinguished visually. Never use the material that is not used within usage period. 																		
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.