

ZNR™ P 501 C

Solvent-free, Epoxy Impregnated Primer, applicable on Humid Surfaces

Product Description	Solvent-free, epoxy impregnated primer that can be used under epoxy, polyurethane and resin based systems and for concrete, alum and mosaic surfaces and on moist surfaces.																		
Product Number	405																		
Areas of Application	<ul style="list-style-type: none"> • As primer and adherence enhancer for cement based mortars, • As primer and adherence enhancer for hardened concretes, • As primer and adherence enhancer under 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. • Solvent-free and odorless. • Suitable for using at areas with no ventilation. • Fairly suitable for absorbent surfaces. • Perfectly penetrates into the application surface and fills in capillary holes. • Suitable for all cement, alum and mosaic surfaces. 																		
Technical Data	<table> <tr> <td>Package</td><td>(A:9.85 kg, B:5.15 kg) 15 kg sets</td></tr> <tr> <td>Appearance</td><td>Light Brown Liquid</td></tr> <tr> <td>Density</td><td>~1.20 gr/cm³ (at 23 °C)</td></tr> <tr> <td>Viscosity</td><td>80 – 100 KU (~1300 mPa.s)</td></tr> <tr> <td>Application surface temperature</td><td>+10°C / +35 °C</td></tr> <tr> <td>Full-Dry Time</td><td>Minimum waiting time for proceeding with coating is minimum 4 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 (23 °C)</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:9.85 kg, B:5.15 kg) 15 kg sets	Appearance	Light Brown Liquid	Density	~1.20 gr/cm ³ (at 23 °C)	Viscosity	80 – 100 KU (~1300 mPa.s)	Application surface temperature	+10°C / +35 °C	Full-Dry Time	Minimum waiting time for proceeding with coating is minimum 4 hours and maximum 24 hours. Curing time extends at low temperatures and environments with high humidity.	Pot life	~35 minutes (23 °C)	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	Stir component A at first. Pour Component B (small can) hardener into Component A (large can) and mix all for three minutes with a suitable mixer until homogeneous mixture is achieved.																		
Application	Apply the mixture on the previously prepared surface avoiding accumulation using a roller or brush. Then, get the surface ready for coating application by sprinkling sand on the surface.																		
Considerations	<ul style="list-style-type: none"> • Concrete surface must be solid and have adequate compressive strength (minimum 25N/mm²). • After about 30-40 minutes upon mixing, irreversible gelling will start. • 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.