

ZNR™ EP 1100

Solvent Based Containing Epoxy Paint

Product Description	Solvent based epoxy, protective coating material that can be used on steel, concrete, screed and mosaic surfaces.																						
Product Number	423																						
Areas of Application	As protective coating for all steel, concrete, screed, plaster, mosaic and other metal surfaces.																						
Characteristics /Advantages	<ul style="list-style-type: none"> • Creates dust-free surface. • Very easy-to-use. • Provides highly economic use. • Hygienic, resistant against, chemical and mechanical factors, easy to clean, and creates glossy surfaces. 																						
Technical Data	<table border="1"> <tr> <td>Liquid Color</td><td>Variable</td></tr> <tr> <td>Package</td><td>15 kg sets</td></tr> <tr> <td>Working Temperature</td><td>Surface temperature minimum 10°C</td></tr> <tr> <td>Pot life</td><td>3–5 hours</td></tr> <tr> <td>Opening for Traffic</td><td>24 hours</td></tr> <tr> <td>Full Curing Time</td><td>7 days</td></tr> <tr> <td>Mixture Density</td><td>~ 1.2 gr/cm³ (23 °C)</td></tr> <tr> <td>Viscosity</td><td>80 - 100 KU (~1300 mPa.s)</td></tr> <tr> <td>Application tools</td><td>Roller, brush or mechanical pulverization</td></tr> <tr> <td>Consumption</td><td>~0.250 kg/m² material is required for every layer. Varies depending on ambient conditions and purpose of use.</td></tr> <tr> <td>Storage</td><td>Shelf life is approximately 1 year. Products should be stacked in a cool and dry place.</td></tr> </table>	Liquid Color	Variable	Package	15 kg sets	Working Temperature	Surface temperature minimum 10°C	Pot life	3–5 hours	Opening for Traffic	24 hours	Full Curing Time	7 days	Mixture Density	~ 1.2 gr/cm³ (23 °C)	Viscosity	80 - 100 KU (~1300 mPa.s)	Application tools	Roller, brush or mechanical pulverization	Consumption	~0.250 kg/m² material is required for every layer. Varies depending on ambient conditions and purpose of use.	Storage	Shelf life is approximately 1 year. Products should be stacked in a cool and dry place.
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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. It is highly recommended to use suitable ZNR Epoxy Primer for the surface before application. In order to obtain a smooth surface, level the surface using ZNR Epoxy Putty after applying ZNR Epoxy Primer .																						
Preparation Instructions	Stir component A at first. Pour Component B (small can) hardener into Component A (large can) and mix all for about three minutes with a suitable mixer until homogeneous mixture is achieved.																						
Application	Apply the mixture on the surface using a roller. Wait for minimum 4-6 hours for other layers. It is recommended to apply two layers minimum.																						
Considerations	<ul style="list-style-type: none"> • S2: Keep the product out of reach of children. • S24/25: Avoid eye and skin contact. • S36/37: Use protective gloves and goggles when working. • R10: Flammable. • R42/43: May cause allergy when inhaled / in case of contact with skin. 																						
General Matters	Abovementioned product data and descriptions are prepared for guiding purposes as a result of our experiences and diligent studies. We, individually, cannot 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.