

ZNR™ ANTICORROSIVE SFZ

Iron Oxide and Zinc Phosphate Containing Solvent Based Epoxy Primer

Product Description	Two-component, solvent based, anti-corrosive protective coating and primer material that contains iron oxide and zinc phosphate and can be used on metal surfaces.																		
Product Number	420																		
Areas of Application	<ul style="list-style-type: none">• Manufacturing and maintenance workshops,• Power plants, petroleum refineries, waste water facilities,• Automobile industry, multi-storey and underground car parks, garages, loading ramps,• For preventing machinery and steel constructions at many areas thanks to its anti-corrosive feature.																		
Characteristics /Advantages	<ul style="list-style-type: none">• Perfect chemical and mechanical resistance.• Perfect protection against corrosion.• Prepares a perfect surface for mid-layer and finish epoxy paint applications.																		
Color	Iron oxide red or balck																		
Mechanical / Physical Properties	<table><tr><td>Density</td><td>~1.15 (gr/cm³)</td></tr><tr><td>Package</td><td>(A:10 kg B:10 kg) A+B: 20 kg sets</td></tr><tr><td>Mixture Life</td><td>20 – 25 minutes (+23°C, 200gr)</td></tr><tr><td>Full-Dry Time</td><td rowspan="2">40 – 60 minutes (+23°C)</td></tr><tr><td>Touching</td></tr><tr><td>Full Hardening Time</td><td>7 Days (+23°C)</td></tr><tr><td>Consumption</td><td>0.150 - 0.250 kg/m² (variable, depending on surface conditions)</td></tr><tr><td>Application Tools</td><td>Brush, roller or airless spray</td></tr><tr><td>Storage</td><td>Shelf life is 1 year from the date of manufacture if stored properly at a temperature between +5°C and +25°C and away from direct sunlight.</td></tr></table>		Density	~1.15 (gr/cm³)	Package	(A:10 kg B:10 kg) A+B: 20 kg sets	Mixture Life	20 – 25 minutes (+23°C, 200gr)	Full-Dry Time	40 – 60 minutes (+23°C)	Touching	Full Hardening Time	7 Days (+23°C)	Consumption	0.150 - 0.250 kg/m² (variable, depending on surface conditions)	Application Tools	Brush, roller or airless spray	Storage	Shelf life is 1 year from the date of manufacture if stored properly at a temperature between +5°C and +25°C and away from direct sunlight.
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Surface Quality Preparation	Remove water from metal surfaces and clean salt, contaminants, grease and loose parts, crust and dust layers from the surface. The application surface must be sanded. Apply ZNR ANTICORROSIVE SFZ in maximum 4 hours after sanding and cleaning. Otherwise, invisible corrosion will begin on the metal. For this reason, repeat sanding.																		
Application Conditions and Limitations	Surface moisture content: moisture content <4 % unit by weight. Dew point. Pay attention to condensation! In order to reduce the risk of condensation or bubble occurrence on ground topping, temperature of the surface and non-cured ground should be minimum 3°C above the dew point.																		
Mixing Tools / Mixture	Stir Components A and B in their original packages with a drill motor. Add component B into container A and mix two components until homogenous mixture is obtained. Mixing time should be 2 to 5 minutes. Because fast mixers will cause air bubbles in the mixture, cycle speed of the mixer should not exceed 400 – 500 cycles/minute.																		
Application	Apply ZNR ANTICORROSIVE SFZ on the surface using a brush, roller or airless spray gun. Then, make mid-layer and finish paint applications. Under normal conditions, it is necessary to wait for 10-24 hours between layers (at 23 °C) for primer, mid-layer and finishing applications. If this time is exceeded, the surface must be rubbed before the next layer. Application time between layers will extend at low temperatures and shorten at high temperatures. Ideal temperature for application is 15°C to 25°C. Do not make application below 10 °C or over 30°C.																		
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.