

ZNR™ WP INJECTION 514 PU

Single Component Polyurethane Injection Foam

Product Description	Flexible, one-component, polyurethane-based injection foam that provides impermeability by filling the capillary cracks of concrete surfaces and generating impermeability by reacting with water.													
Product Number	118													
Areas of Application	<ul style="list-style-type: none">• For stopping small and medium size water leakages at underground structures,• For filling the voids that contain water,• Foundations and underground structures such as garages,• Tunnels and underpasses,• Water tanks,• Waterways and dams.													
Characteristics /Advantages	<ul style="list-style-type: none">• User and environment-friendly.• It is an effective insulation material for particularly joints of the concrete, and for cracks and gaps.• Ensures a fully hydrophobic and flexible foam that features high expansion rate.• Low viscosity. Ensures deep penetration with minimal pressure.• Easy to apply. One-component and adequate application time.• Highly resistant against fungus and other organisms.• Does not contain any solvents or propellant gas; safe for storage, transportation and usage.• Provides a suitable and low-cost solution with its high performance, durability and long-life.													
Technical Data	<table><tr><td>Color</td><td>Yellow</td></tr><tr><td>Package</td><td>10 kg pails</td></tr><tr><td>Density</td><td>~1.10 g/cm³ (at 23 °C)</td></tr><tr><td>Flash Point</td><td>> 110</td></tr><tr><td>Touch Free 25°C 55% Relative Humidity</td><td>2 Hours</td></tr><tr><td>Storage</td><td>Shelf life is minimum 6 months when the product is stored in the original close package, at a storage temperature of 5-25 °C and dry environment. When opened, use in the soonest time possible.</td></tr></table>		Color	Yellow	Package	10 kg pails	Density	~1.10 g/cm³ (at 23 °C)	Flash Point	> 110	Touch Free 25°C 55% Relative Humidity	2 Hours	Storage	Shelf life is minimum 6 months when the product is stored in the original close package, at a storage temperature of 5-25 °C and dry environment. When opened, use in the soonest time possible.
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Surface Preparation	If possible, wash the application surface with high pressure and clean the grease, rust, wax, dirt, etc. from the surface. Remove cement slurry, loose parts, mold release agents, and cured membranes. In case of large hollows, firstly close these holes using ZNR putty.													
Preparation Instructions	Firstly, mix ZNR PU INJECTION and ZNR PU INJECTION Catalyst . Catalyst can be used at a percentage of 1-10% depending on ambient temperature and humidity of the application area. Keep the mixture away from humidity and water to prevent curing during mixing.													
Application	Start with minimum pump pressure and increase the pressure gradually until the injection reaches up to the desired level. Injection level depends on size of the gap to be filled and the state of the application area.													
Cleaning	Just after the application, immediately clean the used equipment with cellulosic thinner and or machine oil.													
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.