

**ZNR™ PUSO**
**Aliphatic Polyurethane-Based Protective Finish Top Coat Resistant against UV rays**

<b>Product Description</b>	Aliphatic Polyurethane-based, two-component, ready-to-use protective finish paint that is resistant against ultraviolet rays and weather conditions and contains low amount of solvent.
<b>Product Number</b>	417
<b>Areas of Application</b>	<ul style="list-style-type: none"> <li>As protective coating particularly for outdoors; provides perfect adherence for all surfaces such as concrete, asphalt, sheet, steel, etc.</li> <li>System component used as protector indoors and outdoors on polyurethane and epoxy systems.</li> <li>Recommended for refineries, petro-chemistry facilities, fuel storage tanks, harbor facilities and marine vehicles, bridges, pipe lines, high industrial chimneys, and containers.</li> </ul>
<b>Characteristics /Advantages</b>	<ul style="list-style-type: none"> <li>Provides perfect adherence on epoxy and polyurethane surfaces and all surfaces such as concrete, asphalt, sheet, steel, etc.</li> <li>Easy to prepare and apply. (it can be applied using a brush, roller or by spraying)</li> <li>Provides perfect UV resistance and thermal strength.</li> <li>High abrasion and impact resistance.</li> <li>Can be safely applied on horizontal or vertical surfaces.</li> <li>High resistance against atmospheric factors.</li> </ul>

**Technical Data**

Appearance	Liquid (white, grey and special desired colors)
Density	~1.25 gr/cm <sup>3</sup> (at 23 °C)
Viscosity	70 – 85 KU (450 – 950mPa.s )
Application surface temperature	+5°C / +40°C
Touch Dry	~ 30 – 40 min
Full-Dry Time	Opening for Pedestrian Traffic is 3 days and setting time end is 7 days.
Pot life	~45 minutes
Consumption	0.150-0.250 kg/m <sup>2</sup> (for one layer) (variable, depending on surface conditions and usage purpose)
Storage	Shelf life is ~ 12 months. Products should be stacked in a cool and dry place.

<b>Durability</b>	Resistant against corrosion, industrial gases, detergents and disinfectants, mineral oil, fresh water and sea water, and petroleum and petroleum derivatives when used as top coat for epoxy systems.
<b>Surface Preparation</b>	For a healthy application, the application surface should be kept dry, firm, ready for full loading and dust-free. If required, perform milling cutter and shaving procedures on the surface.
<b>Package</b>	(A : 18.200 + B : 1.800) 20 kg sets
<b>Preparation Instructions</b>	Pour <b>ZNR PUSO</b> Component B hardener into Component A and mix all with a suitable mixer until homogeneous mixture is achieved. Because irreversible gelling will start after about 45 minutes upon mixing, proceed with the application without resting the mixture for long time.
<b>Application</b>	Apply on previously prepared surface avoiding accumulation using a roller, brush or steel trowel. If multi layered application is considered, wait for 4-5 hours for each layer.
<b>Considerations</b>	<ul style="list-style-type: none"> <li>Application area of <b>ZNR PUSO</b> should be protected from water contact for at least 8 hours.</li> <li>Wear gas masks or ventilate the area in closed areas.</li> </ul>
<b>General Matters</b>	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.

<b>Disposal</b>	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.
<b>Safety Information</b>	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.