

ZNR™ GLOSS COAT

Polyurethane UV-Protective Finish Varnish

Product Description	A high-performance, polyurethane-based protective varnish designed to provide superior resistance to UV rays, excellent chemical resistance, weathering, and abrasion. Ideal for both indoor and outdoor applications, it offers long-lasting gloss retention and surface durability on concrete, wood, metal, and previously coated substrates.
Product Number	418
Areas of Application	<ul style="list-style-type: none"> Serves as a protective coating, especially for outdoor applications; offers excellent adhesion to a wide range of surfaces including concrete, asphalt, sheet metal, and steel. Acts as a system component providing durable protection for polyurethane and epoxy-based coatings, both indoors and outdoors.
Characteristics /Advantages	<ul style="list-style-type: none"> Provides excellent adhesion on epoxy and polyurethane surfaces, as well as concrete, asphalt, sheet metal, steel, and more. Easy to prepare and apply — can be applied by brush, roller, or spray equipment. Offers outstanding UV resistance and thermal stability. Highly resistant to chemicals, abrasion, impact, and a wide range of chemicals. Suitable for application on both horizontal and vertical surfaces with reliable performance.

Technical Data

Package	(A: 18+ B: 2) 20 kg sets
Appearance	Transparent liquid
Density	~1.10 gr/cm ³ (23 °C)
Viscosity	60 – 70 KU (~400 mPa.s)
Application surface temperature	+5°C / +40°C
Full-Dry Time	Ready for pedestrian traffic: 3 days after application Full cure / Final setting time: 7 days
Pot life	~35 minutes
Consumption	0.100-0.200 kg/m ² (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.

Surface Preparation	For optimal application results , the surface must be dry, solid, capable of bearing full load, and free of dust. If necessary, surface preparation techniques such as milling or shaving should be performed.
Preparation Instructions	<p>Pour ZNR GLOSS COAT Component B (hardener) into Component A, and mix thoroughly using a suitable mechanical mixer until a homogeneous mixture is obtained.</p> <p>Note: Application must begin immediately after mixing, as irreversible gelling will occur approximately 35 minutes after preparation. Do not allow the mixture to rest before application.</p>
Application	Apply the mixture onto the properly prepared surface using a roller, brush, or airless pulverization, ensuring an even coat without material buildup. For multi-layer applications, allow 4–5 hours between each coat to ensure proper curing.
Considerations	<ul style="list-style-type: none"> Ensure ambient and surface temperatures are within the recommended range during application and curing. Avoid application in high humidity or when rain is expected within 24 hours. The substrate must be clean, dry, and structurally sound before application. Use appropriate personal protective equipment (PPE) during mixing and application. Clean tools and equipment with suitable solvent immediately after use. Do not dilute the product unless specified by the manufacturer. Ensure adequate ventilation in enclosed areas during and after application. Mixed product must be used within the pot life to avoid waste due to gelling.
General Matters	The above product data and application guidelines are provided based on our experience and diligent research, and are intended for general guidance only. As we have no control over the variety of materials, application methods, and on-site conditions, our warranty is strictly limited to the quality of the supplied product. We do not provide any warranty regarding the outcome of the application itself. Responsibility for proper application lies with the user.

This technical document supersedes all previous versions. The quality and performance of the final result may vary depending on how professionally the product is applied. In case of uncertainty, it is strongly recommended to conduct a preliminary test or consult our technical support team.

Disposal	Empty containers should be disposed of in accordance with local or regional waste collection and recycling regulations. Used material residues should be treated as construction waste only after complete drying and hardening. Do not dispose of product remnants by burning , as this poses serious health and environmental hazards.
Safety Information	Keep the product out of reach of children . Always keep container lids tightly closed when not in use . Wear protective gloves and safety goggles during application. In case of skin contact , wash immediately with soap and water. In case of eye contact , seek medical attention immediately. For detailed safety information, refer to the Material Safety Data Sheet (MSDS) .