

ZNR™ WP 1C

Flexible Water Proofing Mortar

Product Description	Cement and polymer based, one-component, easy-to-use and flexible water proofing material that provides water impermeability.																					
Product Number	100																					
Areas of Application	<ul style="list-style-type: none">• Water reservoirs, sealing holes,• Stream gutters, waste water channels and pipes,• Curtain walls, foundations, basements, and bridges,• Hot springs and public baths,• Wet areas such as kitchen, balcony, terrace, bathroom, WC, swimming, and decorative pools, etc.																					
Characteristics /Advantages	<ul style="list-style-type: none">• Provides great advantage in leveling the surface since it can be used in thick layers.• Provides great comfort in stretching the mesh for glass-fiber mesh applications.• Economic and low labor costs.• Suitable for indoor and outdoor applications.• Easy to prepare and use (it can be applied using a brush, trowel or by spraying).• Long operation life.• Can be safely applied on horizontal or vertical surfaces.• Non-toxic; can be applied in water reservoirs.• Resistant to water and frost after curing.• Impact and vibration resistant.• Very high adhesion strength and flexibility.																					
Reference Standard	TS EN 1504-2																					
Technical Data	<table><tr><td>Package</td><td>25 kg Kraft Bags</td></tr><tr><td>Color</td><td>Grey</td></tr><tr><td>Density (Fresh Mortar)</td><td>2 kg/m³ (23 °C)</td></tr><tr><td>Surface Temperature</td><td>+5°C / +35°C</td></tr><tr><td>Pot Life</td><td>~ 1 hour (23 °C)</td></tr><tr><td>Bond strength</td><td>≥ 0.8 (N / mm²)</td></tr><tr><td>Time for Coating Application on the Product</td><td>~ 3 days</td></tr><tr><td>Consumption</td><td>~ 2 kg/m² (1mm of thickness)</td></tr><tr><td>Thickness Limitation</td><td>Conveniently usable up to ~ 5mm of thickness.</td></tr><tr><td>Storage</td><td>Shelf life is 12 months. Products should be stacked in a cool and dry place.</td></tr></table>		Package	25 kg Kraft Bags	Color	Grey	Density (Fresh Mortar)	2 kg/m³ (23 °C)	Surface Temperature	+5°C / +35°C	Pot Life	~ 1 hour (23 °C)	Bond strength	≥ 0.8 (N / mm²)	Time for Coating Application on the Product	~ 3 days	Consumption	~ 2 kg/m² (1mm of thickness)	Thickness Limitation	Conveniently usable up to ~ 5mm of thickness.	Storage	Shelf life is 12 months. Products should be stacked in a cool and dry place.
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Surface Preparation	Remove loose parts, grease and other chemicals from the application area and repair the defects on the surface using ZNR REPAIR mortar. If the surface temperature of the application area is over 25°C, moisten and saturate the surface.																					
Preparation Instructions	Fill 5-6 liters of water into a clean application container. Pour entire ZNR WP 1C 25kg into this container and mix for 3 minutes using a suitable low speed mixer until a smooth and homogenous mixture is obtained. The mixture gets ready for application after re-mixing after resting for approximately 3 minutes. (10% of water can be added into the mixture depending on the air temperature). Application may be made using a brush or trowel.																					
Application	Do not exceed 5 mm for the thickness of each layer. Wait for 2-6 hours (depending on ambient conditions) for drying between each layer. For application with plaster mesh; place the plaster mesh on the surface when the first layer appears wet - dry and apply the second layer with a brush or trowel. WP is the system component of water insulation system. It is ideal for leveling the surface and placing glass-fiber mesh for water insulation details.																					
Considerations	<ul style="list-style-type: none">• Surface temperature should be minimum +5°C.• Protect the applications from rain, frost, wind, sunlight, and high temperatures for the first 24 hours.• Do not add water into the mortar that has already hardened.																					
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.