

ZNR™ WP 2K-SE

Water Proofing Material With High Elasticity

Product Description	Cement and acrylic based, two-component, and easy-to-use water proofing material with high elasticity that provides water impermeability.
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Product Number	103
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Areas of Application	<ul style="list-style-type: none"> Water reservoirs, Stream gutters, waste water channels and pipes, Sealing holes, 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.
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Characteristics /Advantages	<ul style="list-style-type: none"> Highly elastic. 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. Water based, solvent-free. Non-toxic; can be applied in water reservoirs. Resistant to water and frost after curing. Resistant against Impact and vibration; highly adhesive and elastic.
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Reference Standard	TS EN 1504-2
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Technical Data

Package	30 kg sets (A: liquid 10kg; B: powder 20kg)
Color	Grey
Density	~1.7 kg/m ³ (mix of A: liquid and B: powder)
Surface Temperature	+5°C / +35°C
Pot life	~ 1 hour (23 °C)
Pressurized Water Strength	7 Bar Positive
Bond strength	≥ 1.0 (N / mm ²)
Time for Coating Application on the Product	~ 3 days
Capillary Water Absorption	≤ 0.1 (kg/m ² h ^{1/2})
Water Vapor Permeability	< 0.1 (Class I)
Consumption	~1.7 kg/m ² material for 1mm of thickness (variable, depending on surface conditions)
Storage	Shelf life is 12 months. Products should be stacked in a cool and dry place.

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.
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Preparation Instructions	Pour ZNR WP 2K-SE A: Liquid component into a clean application container and pour entire B: Powder component into this container and mix for 3 - 4 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 3-5 minutes. (5% of water can be added into the mixture depending on the air temperature). Application may be made using a brush or trowel.
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Application	It is recommended to add water into the mixture with a percentage of 5%, apply the first layer with brush and then proceed with the second layer. Do not exceed 2 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.
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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.
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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. <u>In case of hesitation, please perform a small test or ask for technical help.</u>
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. <u>It is dangerous to dispose by burning the product remnants.</u>
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.