

ZNR™ WP LP

Elastomeric Resin Based Water Insulation Material

Product Description	Elastomeric resin based, one-component, easy-to-use, UV resistant, liquid plastic water insulation material that provides water impermeability.																							
Product Number	107																							
Areas of Application	<ul style="list-style-type: none">● Stream gutters, waste water channels and pipes,● Concrete, zinc and precast streams,● Straight and inclined terrace roofs,● For water insulation of chimney sides, eaves troughs and sieves,● External façades of silos, warehouses and buildings,● Wet areas such as kitchen, balcony, terrace, bathroom, WC, etc.																							
Characteristics /Advantages	<ul style="list-style-type: none">● Economic and low labor costs.● It has UV resistance● Easy to prepare and use (it can be applied using a brush, trowel or by spraying).● Can be safely applied on horizontal or vertical surfaces.● Water based, solvent-free; the product can be thinned with water.● Can be colored and painted.● Allows breathing of the applied surface.● Does not cause jointing and perfectly fits on every surface.● Very high adhesion strength and flexibility.																							
TSE Standard	TS EN 1504-2																							
Technical Data	<table><tr><td>Package</td><td>20 kg packages</td></tr><tr><td>Color</td><td>White and Grey</td></tr><tr><td>Density</td><td>~1.40 gr/cm³ (23°C)</td></tr><tr><td>Application surface temperature</td><td>Between +5 °C and +35 °C</td></tr><tr><td>Bond strength</td><td>≥ 0.8 (N/mm²)</td></tr><tr><td>Water Absorbance and Impermeability</td><td>≤ 0.1(kg/m².h½)</td></tr><tr><td>Reaction to Fire Class</td><td>B S1 d0</td></tr><tr><td>Full resistance</td><td>~ 14 days (23 °C) (variable depending on the temperature and application thickness)</td></tr><tr><td>Water Vapor Permeability</td><td>SD < 5m (CLASS I)</td></tr><tr><td>Consumption</td><td>~1.4 kg/m² material for 1mm of thickness (variable, depending on surface conditions) (apply minimum two layers)</td></tr><tr><td>Storage</td><td>Shelf life is 12 months. Products should be stacked in a cool and dry place. Protect from extreme temperature and frost.</td></tr></table>		Package	20 kg packages	Color	White and Grey	Density	~1.40 gr/cm³ (23°C)	Application surface temperature	Between +5 °C and +35 °C	Bond strength	≥ 0.8 (N/mm²)	Water Absorbance and Impermeability	≤ 0.1(kg/m².h½)	Reaction to Fire Class	B S1 d0	Full resistance	~ 14 days (23 °C) (variable depending on the temperature and application thickness)	Water Vapor Permeability	SD < 5m (CLASS I)	Consumption	~1.4 kg/m² material for 1mm of thickness (variable, depending on surface conditions) (apply minimum two layers)	Storage	Shelf life is 12 months. Products should be stacked in a cool and dry place. Protect from extreme temperature and frost.
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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 mortars. Clean the surface from tar, paint, molding oil and curing materials that may reduce adherence. Put the edges and corners in herringbone shape with ZNR Latex mortar or ZNR Repair mortars. All expansion and moving joints should be filled using an elastomeric joint sealant at first.																							
Primer and Preparation Instructions	ZNR WP LP can be used as primer by thinning at ratio of 50% clean water. Mix ZNR WP LP with a suitable mixer until homogeneous mixture is achieved.																							
Application	Apply on previously prepared surface using a roller, brush or low pressure pulverizator. Although drying time is approximately 4 hours, wait for one day for each layer if multi layered application is considered. Optimum layer thickness is 1 mm for one layer and it is possible to apply 2-3 layers.																							
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.● If resistance against higher pressures is desired, a perfect result can be achieved by means of apply reinforcement with bearers such as fiberglass, felt, mesh, insulation, etc. on the areas with plenty of cracks and the areas of horizontal/vertical joints.																							

General Matters	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.
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.