

ZNR™ WP PLUG

Rapid Setting Cement Based Mortar

Product Description	Special cement and mineral containing, rapid setting, high adherence mortar that hardens and expands when mixed with water to stop active water leakages.														
Product Number	106														
Areas of Application	<ul style="list-style-type: none"> Interior and exterior areas for vertical and horizontal applications Repairs of static (non-moving) cracks Stopping of active water leakages Waterproofing of pipe and cable crossings Repairs of deformations on concrete Filling and sealing water leakages before waterproofing Filling tie-rod cavities inside molds Chamfering of corners, joints and repairing cold joints For fixing metal anchorage and connection parts 														
Characteristics /Advantages	<ul style="list-style-type: none"> Single part, only mixed with water. Stops active water leakages by setting instantly. Easy to use. Expands and forms a watertight structure. Highly resistant and stable. Waterproofing materials can be applied on it after 15 minutes. Can be safely used in drinking water tanks. 														
Technical Data	<table border="1"> <tr> <td>Packaging</td><td>5 and 20 kg pails</td></tr> <tr> <td>Appearance</td><td>Grey Powder</td></tr> <tr> <td>Density (Fresh Mortar)</td><td>~ 2.10 kg/m³ (23 °C)</td></tr> <tr> <td>Surface Temp</td><td>+5°C / +35°C</td></tr> <tr> <td>Setting Time</td><td>1 min.</td></tr> <tr> <td>Consumption</td><td>Variable depending on surface conditions</td></tr> <tr> <td>Storage</td><td>Shelf life is 6 months. Products should be stacked in a cool and dry place.</td></tr> </table>	Packaging	5 and 20 kg pails	Appearance	Grey Powder	Density (Fresh Mortar)	~ 2.10 kg/m ³ (23 °C)	Surface Temp	+5°C / +35°C	Setting Time	1 min.	Consumption	Variable depending on surface conditions	Storage	Shelf life is 6 months. Products should be stacked in a cool and dry place.
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Surface Preparation	Remove any dirt, dust, mud, etc. that prevents adherence of the product to the surface. Open the cracks, hollows or water leakage points down to the solid ground and create conic sections in V shape before application on such areas.														
Preparation Instructions	For every 1 lt of space (10cmx10cm x10cm), mix 1.6 kg powder material with approximately 500 gr clean water on a clean nylon and knead with hand (wear gloves) until pasty consistency is achieved. Pay attention to prepare the mixture depending on the size of the opened crack or hollow (Water/ WP Plug ratio= 30%). Fill the large volume cracks or hollows gradually.														
Application	<ul style="list-style-type: none"> Make the application from outside to inside (to the center, water source). Fill the opened pits, hollows or cracks in one move immediately when setting (temperature increase) of WP Plug starts. Complete the procedure in 1 minute when the setting is sudden. Do not add water on the mortar that has hardened or completed its setting. Put pressure for 60 seconds on WP Plug material that is applied on the area and ensure that setting is completed at the place where the product is filled. Do not perform the application under direct sunlight, in the rain, frost, or extreme windy conditions. Do not add any additives (binder, lime, gypsum, mortar admixture, etc.) into the prepared mixture. 														
Considerations	<ul style="list-style-type: none"> Make sure to wear gloves during application. Clean the used tools with water after application. 														
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. <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.