

ZNR™ WP 150
Polyurethane Based Water Proofing

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| Product Description | Two-component, modified polyurethane-based, low-solvent content, hard-elastic waterproofing material with high thermal and mechanic strength. | | | | | | | | | | | | | | | | |
| Product Number | 111 | | | | | | | | | | | | | | | | |
| Areas of Application | <ul style="list-style-type: none"> • Terraces, roofs, • Streams and concealed gutters, • Retaining and curtain walls, foundations and basements, galleries, and foundation piles, • Wet areas such as kitchen, balcony, terrace, bathroom, WC, swimming, and decorative pools, etc. • Factories, airport hangars, warehouses, shopping centers, pharmaceutic production facilities, hospitals, car parks and bridges, | | | | | | | | | | | | | | | | |
| Characteristics /Advantages | <ul style="list-style-type: none"> • Highly resistant against all external aggressive effects that may occur in soil. • Provides perfect adherence on all surfaces such as concrete, asphalt, sheet, steel, etc. • Easy to prepare and use (it can be applied using a brush, roller or by pulverization). • Features elongation capacity, covers cracks, and can be safely applied on horizontal and vertical surfaces, • Allows humidity transfer of the structure and stops bleeding. • Creates a joint-free and uninterrupted insulation layer. | | | | | | | | | | | | | | | | |
| Technical Data | <table border="1"> <tr> <td>Package</td><td>(A:17.6 kg, B:2.4 kg) 20 kg sets</td></tr> <tr> <td>Appearance</td><td>Yellowish liquid</td></tr> <tr> <td>Density</td><td>~1.40 gr/cm³ (at 23 °C)</td></tr> <tr> <td>Viscosity</td><td>80 – 100 KU (~ 1830 mPa.s)</td></tr> <tr> <td>Application Surface Temp.</td><td>+5°C / +35 °C</td></tr> <tr> <td>Full-Dry Time</td><td>Opening for Pedestrian Traffic is 3 days and setting time end is 7 days.</td></tr> <tr> <td>Consumption</td><td>1.4 kg/m² for 1mm of thickness (variable, depending on surface conditions and usage purpose)</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 | (A:17.6 kg, B:2.4 kg) 20 kg sets | Appearance | Yellowish liquid | Density | ~1.40 gr/cm ³ (at 23 °C) | Viscosity | 80 – 100 KU (~ 1830 mPa.s) | Application Surface Temp. | +5°C / +35 °C | Full-Dry Time | Opening for Pedestrian Traffic is 3 days and setting time end is 7 days. | Consumption | 1.4 kg/m ² for 1mm of thickness (variable, depending on surface conditions and usage purpose) | 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. It is recommended to use ZNR WP 130 PX for the application area for a healthy application. All expansion and moving joints should be filled using an elastomeric joint sealant at first. | | | | | | | | | | | | | | | | |
| Preparation Instructions | ZNR WP 150 ; Pour Component B (small can) hardener into Component A (large can) and mix all with a suitable mixer until homogeneous mixture is achieved. Because irreversible gelling will start after 30-35 minutes upon mixing, proceed with the application without resting the mixture for long time. | | | | | | | | | | | | | | | | |
| Application | Apply on previously prepared surface avoiding accumulation using a roller, brush, or steel trowel. If multi layered application is considered, wait for 8 hours for each layer. If waiting time exceeds 24 hours, proceed with the second layer application or final layer application after roughening the current surface (emery). | | | | | | | | | | | | | | | | |
| Considerations | <ul style="list-style-type: none"> • Application area of ZNR WP 150 should be protected from water contact for at least 24 hours. • Early or late drying may be observed at various environments and various applications. • Wear gas masks or ventilate the area in closed areas. | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | |