

ZNR™ PUR A 50

POLYURETHANE PUTTY

Product Description	Polyurethane-based, solvent-free, elastic, two-component putty with high adherence strength.																
Product Number	312																
Application Areas	<ul style="list-style-type: none"> Insulation membran Chamfer band Pipe and filter heads Aluminum, sheet, metal, polyester plates and concrete surfaces For adherence of parquet and synthetic grass on substrates. 																
Characteristics /Advantages	<ul style="list-style-type: none"> Solvent-free. Flexible. High chemical resistance. Very high adhesion strength. 																
Technical Data	<table border="1"> <tr> <td>Color</td><td>Brown</td></tr> <tr> <td>Package</td><td>5.0 kg (A+B) sets</td></tr> <tr> <td>Density</td><td>~1.70 gr /cm³ mix of A+B sets (at 23 °C)</td></tr> <tr> <td>Mixture life</td><td>~35 min (at 23 °C)</td></tr> <tr> <td>Concrete Adhesion Strength</td><td>~ 1.6 N/mm² (7 days) (Rupture from Concrete)</td></tr> <tr> <td>Full-Dry Time</td><td>Touching : 5-7 hours (at 23 °C) Full hardening time : 1 week (at 23 °C)</td></tr> <tr> <td>Consumption</td><td>~1.70 kg/m² for 1mm of thickness Consumption will change depending on the surface situation</td></tr> <tr> <td>Storage</td><td>Shelf life is approximately 6 months. Products should be stacked in a cool and dry place.</td></tr> </table>	Color	Brown	Package	5.0 kg (A+B) sets	Density	~1.70 gr /cm ³ mix of A+B sets (at 23 °C)	Mixture life	~35 min (at 23 °C)	Concrete Adhesion Strength	~ 1.6 N/mm ² (7 days) (Rupture from Concrete)	Full-Dry Time	Touching : 5-7 hours (at 23 °C) Full hardening time : 1 week (at 23 °C)	Consumption	~1.70 kg/m ² for 1mm of thickness Consumption will change depending on the surface situation	Storage	Shelf life is approximately 6 months. Products should be stacked in a cool and dry place.
Color	Brown																
Package	5.0 kg (A+B) sets																
Density	~1.70 gr /cm ³ mix of A+B sets (at 23 °C)																
Mixture life	~35 min (at 23 °C)																
Concrete Adhesion Strength	~ 1.6 N/mm ² (7 days) (Rupture from Concrete)																
Full-Dry Time	Touching : 5-7 hours (at 23 °C) Full hardening time : 1 week (at 23 °C)																
Consumption	~1.70 kg/m ² for 1mm of thickness Consumption will change depending on the surface situation																
Storage	Shelf life is approximately 6 months. Products should be stacked in a cool and dry place.																
Surface Preparation	Before coating application, remove rust, oil, grease, salt and similar contaminants from the surface. The application area should be moisture-free. Make sure that no moisture remains on the surface before application.																
Preparation Instructions	Mix components A and B together with a 400 cycle/minutes agitator until homogenous color is achieved (approximately 3 minutes). Pay attention to avoid air entraining during mixing.																
Application	Apply the putty prepared by mixing the two components using a suitable steel spatula avoiding air bubbles.																
Considerations	<ul style="list-style-type: none"> Application surface temperature should be between 5°C and 35°C. Do not touch or contact with water for 24 hours after application. Full hardening time of the material applied at a temperature of 20°C-25°C is 7 days in average. 																
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.																