

ZNR™ P 400
Polyurethane Based Primer

Product Description	One-component polyurethane based primer, which contains solvent, developed for better adherence under polyurethane systems, and used on concrete, alum and mosaic surfaces.
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Product Number	403
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Areas of Application	<ul style="list-style-type: none"> For improving surface adherence for polyurethane based systems and preventing air bubbles to occur, For keeping underfloor spaces of industrial floors and raised floors free of dust, For applying under-carpets for keeping dust free and ensuring anti-slip,
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Characteristics /Advantages	<ul style="list-style-type: none"> Economic. Easy-to-use. Time of setting is short because of solvent based content. Provides insulation by settling into pores. Resistant against loads and chemicals. Can be used against dusting on screed surfaces. Suitable for areas with underfloor heating. Suitable for all concrete, alum and mosaic surfaces.
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Technical Data	<table border="1"> <tr> <td>Package</td><td>17 kg tin bucket</td></tr> <tr> <td>Appearance</td><td>Transparent yellow</td></tr> <tr> <td>Density</td><td>~ 1.00 gr/cm³ (23 °C)</td></tr> <tr> <td>Viscosity</td><td>25 – 30 KU</td></tr> <tr> <td>Application surface temperature</td><td>+5°C / +40 °C</td></tr> <tr> <td>Full-Dry Time</td><td>8–12 hours (variable, depending on ambient conditions)</td></tr> <tr> <td>Pot life</td><td>~45 minutes (after first opening)</td></tr> <tr> <td>Consumption</td><td>~150-250 gr/m² (variable, depending on surface conditions)</td></tr> <tr> <td>Application tools</td><td>Roller or Brush</td></tr> <tr> <td>Storage</td><td>Shelf life is approximately 6 months in a cool and dry environment.</td></tr> </table>	Package	17 kg tin bucket	Appearance	Transparent yellow	Density	~ 1.00 gr/cm³ (23 °C)	Viscosity	25 – 30 KU	Application surface temperature	+5°C / +40 °C	Full-Dry Time	8–12 hours (variable, depending on ambient conditions)	Pot life	~45 minutes (after first opening)	Consumption	~150-250 gr/m² (variable, depending on surface conditions)	Application tools	Roller or Brush	Storage	Shelf life is approximately 6 months in a cool and dry environment.
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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. All expansion and moving joints should be filled using an elastomeric joint sealant at first.
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Preparation Instructions	ZNR P 400 is ready for use.
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Application	Apply ZNR P 400 on the ground equally using a roller or brush and let it dry. Drying time may vary depending on the weather conditions and surface status. If multi layered application is considered, wait for about 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).
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Considerations	<ul style="list-style-type: none"> Application area of ZNR P 400 should be protected from water contact for at least 8 hours. Early or late drying may be observed at various environments and various applications. Wear gas masks or ventilate the area in closed areas. S2: Keep the product out of reach of children. S24/25: Avoid eye and skin contact. S36/37: Use protective gloves and goggles when working. R10: Flammable. R42/43: May cause allergy when inhaled / in case of contact with skin.
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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, 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.
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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.