

## ZNR™ EP 1100 Primer

### Solvent Based Epoxy Primer

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|-----------------------------|---|--|--|
| Product Description         | Solvent-containing primer that can be used on concrete, metal and wood surfaces.  |  |  |
| Product Number              | 422   |  |  |
| Areas of Application        | <ul style="list-style-type: none"><li>• For steel, concrete, alum, plaster and mosaic surfaces for all indoor and outdoor applications,</li><li>• As adhesion bridge between the applied surface and next layer,</li><li>• For strengthening the surface and preventing dust emission,</li><li>• Suitable for all steel and concrete surfaces applications.</li></ul>     |  |  |
| Characteristics /Advantages | <ul style="list-style-type: none"><li>• Perfectly penetrates into the applied surface.</li><li>• Has very low viscosity and completely fills capillary holes.</li><li>• Creates dust-free surface.</li><li>• Very easy-to-use,</li><li>• Provides highly economic use.</li></ul>  |  |  |
| Technical Data              | Liquid Color  | Transparent yellowish  |  |
|                             | Package   | A:10 kg B:10 kg (A+B=20 kg)  |  |
|                             | Density   | ~0.95 g/cm³  |  |
|                             | Viscosity   | 30-40 KU (~ 65 mPa.s)  |  |
|                             | Working Temperature   | +5°C - +35°C   |  |
|                             | Pot life  | 3–5 hours  |  |
|                             | Opening for Traffic   | 24 hours   |  |
|                             | Full Curing Time  | 7 days   |  |
|                             | Application tools   | Roller or Brush  |  |
|                             | Consumption   | ~0,150-0,200 kg/m² material is required for every layer. Consumption may change depending on absorbing capacity of the concrete surface. |  |
|                             | Storage   | Shelf life is approximately 1 year. Products should be stacked in a cool and dry place.  |  |
|                             | Surface Preparation   | The application surface should be cleaned from loose parts, grease and other chemicals and should be crack-free, dry and clean.          |  |
| Preparation Instructions    | Mix component A and B in a different container. Prepare a homogenous mixture. Obtain a suitable mixer for mixing. Mix minimum for 2 minutes and maximum for 5 minutes.  |  |  |
| Application                 | Apply the mixture on the surface using a roller. Wait for minimum 6-8 hours for other layers. It is recommended to apply two layers minimum. Apply the obtained mixture on the cleaned surface using a brush or roller or by spraying. Apply as much as the concrete absorbs. A glossy layer should appear on the surface.  |  |  |
| Considerations              | <ul style="list-style-type: none"><li>• Do not touch or contact water on the application surface for 24 hours after application.</li><li>• <b>S2</b>: Keep the product out of reach of children.</li><li>• <b>S24/25</b>: Avoid eye and skin contact.</li><li>• <b>S36/37</b>: Use protective gloves and goggles when working.</li><li>• <b>R10</b>: Flammable.</li></ul> |  |  |

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|                           | <ul style="list-style-type: none"><li>• <b>R42/43:</b> May cause allergy when inhaled / in case of contact with skin.</li></ul>  |
| <b>General Matters</b>    | 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. |
| <b>Disposal</b>           | 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.   |
| <b>Safety Information</b> | 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.  |