

## ZNR™ SOGUARD

### Protective for Concrete Surfaces

<b>Product Description</b>	Polysiloxane-silane resin-based, solvent-containing, water repellent, transparent and water impermeable protective material that can be used on surfaces such as exposed concretes, plasters, briquettes, mosaics, roof tiles, gas concretes, etc.
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<b>Product Number</b>	614
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<b>Areas of Application</b>	<ul style="list-style-type: none"> <li>Mineral-based and absorbent surfaces,</li> <li>Absorbent surfaces such as exposed concretes, travertines, natural stones, plasters, bricks, briquettes, roof tiles, gas concretes, etc.</li> <li>For insulation of joints of glass mosaic coatings,</li> <li>For preventing external façades of buildings from the effects of rainwater.</li> <li>For improving prevention and service life of concrete and cement surfaces of buildings and infrastructures.</li> </ul>
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<b>Characteristics /Advantages</b>	<ul style="list-style-type: none"> <li>Economic, provides practical solution.</li> <li>Very easy-to-use,</li> <li>Does not prevent breathing of surface and does not change water vapor permeability.</li> <li>High alkali resistance.</li> <li>Prevents moss and algae formation.</li> <li>Prevents from damages of frost by preventing water intake into the surface.</li> <li>Extends surface life by improving surface features on the applied façade.</li> </ul>
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<b>Technical Data</b>	<table border="1"> <tr> <td>Package</td><td>5 kg or 30 kg plastic cans</td></tr> <tr> <td>Appearance</td><td>Transparent liquid</td></tr> <tr> <td>Density</td><td>~ 0.9 gr/cm<sup>3</sup> (23 °C)</td></tr> <tr> <td>Viscosity</td><td>18 – 25 KU (~55 mPa.s)</td></tr> <tr> <td>Working Temperature</td><td>+5 °C – +30°C</td></tr> <tr> <td>Consumption</td><td>~0,150-0,250 kg/m<sup>2</sup> for one layer (variable, depending on surface conditions)</td></tr> <tr> <td>Storage</td><td>Shelf life is 12 months. Products should be stacked in a cool and dry place. Protect from direct sunlight and frost.</td></tr> </table>	Package	5 kg or 30 kg plastic cans	Appearance	Transparent liquid	Density	~ 0.9 gr/cm <sup>3</sup> (23 °C)	Viscosity	18 – 25 KU (~55 mPa.s)	Working Temperature	+5 °C – +30°C	Consumption	~0,150-0,250 kg/m <sup>2</sup> for one layer (variable, depending on surface conditions)	Storage	Shelf life is 12 months. Products should be stacked in a cool and dry place. Protect from direct sunlight and frost.
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<b>Surface Preparation</b>	Remove loose parts, grease and other chemicals from the application area and repair the defects on the surface using <b>ZNR REPAIR</b> mortar. All expansion and moving joints should be filled using an elastomeric joint sealant at first.
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<b>Application</b>	Mix <b>ZNR SOGUARD</b> thoroughly to make it ready for use. Apply on previously prepared surface using a roller, brush or low pressure injectors. Saturate the surface with material by applying minimum two layers.
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<b>Considerations</b>	<ul style="list-style-type: none"> <li>Do not apply on wet or frozen surfaces.</li> <li>Flammable (R10); keep away from flaming points. Do not smoke.</li> <li>Do not inhale and do not swallow. Creates sensitivity in contact with skin. (R20/R21/R22)</li> <li>Use only in the areas with good ventilation.</li> </ul>
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<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.
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<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.
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<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,
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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.

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