

## ZNR™ PRIMER VEEP

### Vinylester Epoxy Concrete Impregnated Primer

Product Description	Bisphenol- A epoxy vinyl ester-based, heavy-duty type impregnated primer highly resistant to abrasion and chemical effects and contains special vinyl ester resin and mineral additives.										
Product Number	413										
Areas of Application	<ul style="list-style-type: none"><li>• Storage and mounting areas,</li><li>• Maintenance workshops,</li><li>• Areas requiring high resistans particularly against acids,</li><li>• Chemistry facilities, manufacturing plants,</li><li>• Beverage and food industry such as milk, wine, swede turnip, etc.</li><li>• Areas requiring fast coating,</li><li>• Waste water facilities, acid tanks,</li><li>• For concrete, cement mortared and steel surfaces exposed to normal-medium-heavy loads and chemicals, and on stable surfaces of liquid impermeable areas that do not contain dirt, have high chemical durability and require resistance to ground finish coating.</li></ul>										
Characteristics /Advantages	<ul style="list-style-type: none"><li>• Perfecct chemical and mechanical resistance.</li><li>• Perfect performance in acidic and alkali media.</li><li>• Very high chemical strength even at high temperatures.</li><li>• Provides high temperature resistance for long time.</li><li>• High corrosion resistance and perfect adherence capability.</li><li>• Hygienic, microbe-free.</li><li>• Provides fast and practical coating.</li><li>• No dust emission, does not gather dust, liquid impermeable.</li></ul>										
Appearance	Form of the mix is in mortar consistency and color is yellowish.										
Mechanical / Physical Properties	<table><tr><td>Density</td><td>~1.05 gr/cm³ (at 23 °C)</td></tr><tr><td>Solid Matter Percentage</td><td>100%</td></tr><tr><td>Styrene percentage</td><td>42 - 44%</td></tr><tr><td>Gelling Time</td><td>~20 minutes (at 23 °C )</td></tr></table>			Density	~1.05 gr/cm³ (at 23 °C)	Solid Matter Percentage	100%	Styrene percentage	42 - 44%	Gelling Time	~20 minutes (at 23 °C )
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Chemical Durability	<b>ZNR PRIMER VEEP</b> is resistant against many chemicals. Please provide chemical resistance list of this product from <b>ZNR</b> technical service department.										
Surface Quality	Concrete sub-surfaces must be solid and have adequate compressive strength (minimum 25N/mm²) and tensile strength must be minimum 1.5 N/mm². Clean foreign materials such as dirt, oil, grease, coating, surface curing agents, etc. from the base surface. The surface should be clean and dry.										
Surface Preparation	Concrete sub-surfaces should be prepared in a way to obtain an open porous surface using abrasive equipment as a result of removing the cement. Remove poor concrete and completely open birds-eye spaces and holes. Sub-surface repairs, filling birds-eye holes/pits and leveling the surface should be completed. All dirt and loose parts should be removed from the surface using preferably brush and/or vacuum cleaner before the application of the product.										
Application Conditions and Limitations	<p>Surface moisture content: moisture content &lt;4 % unit by weight.</p> <p>Relative air humidity should be maximum 80%.</p> <table><tr><td>Surface Temperature</td><td>Minimum +10°C, Maximum + 30°C</td></tr><tr><td>Ambient Temperature</td><td>Minimum +10°C, Maximum + 30°C</td></tr><tr><td>Material Temperature</td><td>Minimum +10°C, Maximum + 30°C</td></tr></table>			Surface Temperature	Minimum +10°C, Maximum + 30°C	Ambient Temperature	Minimum +10°C, Maximum + 30°C	Material Temperature	Minimum +10°C, Maximum + 30°C		
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Mixing Tools / Mixture	<b>ZNR PRIMER VEEP</b> should be thoroughly mixed using a low speed (300 - 400 cycles/min) electric mixer or another suitable equipment. Stir Component A mechanically before mixing. After adding component B, continue mixing. Add component C into this mixture after 10 minutes and mix.										
Application Method / Equipment	<b>ZNR PRIMER VEEP</b> can be applied using a roller.										
System Structure	Refer to application steps.										
Consumption / Dosage	Approximately 1.00 kg/m² <b>ZNR PRIMER VEEP</b> is used for 1mm of thickness.										

<b>Package</b>	Components A + B + C: 18 kg ready sets
<b>Shelf Life</b>	Shelf life is 6 months from the date of manufacture if stored properly at a temperature between +5°C and +30°C and away from direct sunlight.
<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.