

ZNR™ EPOFUGA
Epoxy Resin Based, Two-Component Adhesive and Joint Sealant

Product Description	Epoxy resin based, two-component, chemical and bacteria resistant and high-quality adhesive and joint sealant that is used for attaching materials such as ceramics, marbles, granites, antacid ceramics, glass mosaics and glass bricks and which can be cleaned with water.																		
Product Number	709																		
Areas of Application	<ul style="list-style-type: none"> • Joints of coverings and wall coatings where high chemical and mechanical strength is desired, • Structures such as laboratories, hospitals, stores, etc. thanks to its resistance against chemicals and acids, • Slaughter houses, dairies, catering facilities and food industry structures thanks to its resistance against organic salts, • Thermal swimming pools, mineral water / salt reservoirs, zoos and industrial chemical facilities which require resistance against corrosive water, • For vertical and horizontal applications of internal and external parts of buildings, • For filling in the joints of existing ceramics, marbles, granites, antacid ceramics, glass mosaics and glass bricks, • Beer, wine and raisin facilities, • Soft drinks and fruit juice facilities, • Milk, cheese and yoghurt facilities, • Sauce, pickle and canned food facilities, • Meat and fish industry, medicine, paint, paper, accumulator and fertilizer facilities. 																		
Characteristics /Advantages	<ul style="list-style-type: none"> • Suitable for potable water reservoirs, Bears antibacterial characteristics and does not create mold, fung or bacteria. • Solvent-free. • Very high chemical and mechanical abrasion strength. • Very easy-to-use, • Resistant against chemicals, acids, alkalis and lubricants. • Does not keep dirt after application and very easy to clean. • Resistant against short term sudden temperature changes. • Easy workable consistency. • Can be applied using trowel or muzzleloader mortar gun. 																		
Technical Data	<table border="1"> <tr> <td>Color</td><td>White, Grey, Beige (it is possible to manufacture desired special colors)</td></tr> <tr> <td>Package</td><td>5 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>Surface and Ambient Temperature</td><td>Minimum 5 °C maximum 30 °C</td></tr> <tr> <td>Application Time</td><td>~ 40 minutes (at 23 °C)</td></tr> <tr> <td>Exposed Waiting Time</td><td>~ 25 minutes (at 23 °C)</td></tr> <tr> <td>Time to Step on</td><td>24 hours (at 23°C)</td></tr> <tr> <td>Opening for Traffic</td><td>7 days (at 23 °C)</td></tr> <tr> <td>Storage</td><td>Shelf life is approximately 1 year. Products should be stacked in a cool and dry place.</td></tr> </table>	Color	White, Grey, Beige (it is possible to manufacture desired special colors)	Package	5 kg (A+B) sets	Density	~1.70 gr /cm ³ mix of A+B sets (at 23 °C)	Surface and Ambient Temperature	Minimum 5 °C maximum 30 °C	Application Time	~ 40 minutes (at 23 °C)	Exposed Waiting Time	~ 25 minutes (at 23 °C)	Time to Step on	24 hours (at 23°C)	Opening for Traffic	7 days (at 23 °C)	Storage	Shelf life is approximately 1 year. Products should be stacked in a cool and dry place.
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Consumption

CERAMIC SIZES	Consumption Table for Epoxy Based Joint Sealants (Depth: 8 mm)						
	Joint Widths						
	2 mm (gr/m ²)	3 mm (gr/m ²)	4 mm (gr/m ²)	5 mm (gr/m ²)	6 mm (gr/m ²)	8 mm (gr/m ²)	10 mm (gr/m ²)
10x10	600	900	1200	1500	1800	2400	3000
10x20	500	700	950	1150	1400	1850	2300
15x15	400	600	800	950	1150	1550	1900
15x20	350	550	700	900	1100	1400	1800
20x20	350	500	650	800	1000	1300	1650
20x25	300	450	600	750	900	1200	1500
20x30	300	400	550	700	800	1100	1400
30x30	250	350	450	550	650	900	1100

**Consumption amounts are theoretical.*

Surface Preparation	The application surface should be cleaned from loose parts, grease and other chemicals. Before filling the joints, wait until the used adhesive reaches the adequate hardness.
Preparation Instructions	Mix components A and B together with a 400 cycle/minutes mixer until homogenous color is achieved (approximately 3 minutes).
Application	<p>ZNR EPOFUGA can be applied using a trowel or muzzleloader gun.</p> <p>Application with trowel: Propagate the prepared mortar on the surface and fill the joints by skimming thoroughly with a plastic or rigid rubber trowel. Wait for 15-30 minutes depending on the surface temperature.</p> <p>Application with mortar gun: After filling the mortar into the muzzleloader gun, pour it into the joint gaps with a suitable nozzle. Fill the joints by skimming thoroughly with a plastic or rigid rubber trowel. Wait for 15-30 minutes depending on the surface temperature.</p> <p>Cleaning: After 15-30 minutes, clean the material overflowing from the joints with hot detergent water using a suitable sponge and put the joints into final form. Avoid pressure and washing during cleaning by rubbing.</p>
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.