

## ZNR™ FUGA FLEX

### Ceramic and Tile Grout

Product Description	A cement-based grout suitable for tiles, ceramics, porcelain, granite, marble, decorative bricks, glass mosaics, and artificial and natural stone coverings. It is a decorative, waterproof, flexible, non-shrinking, vibration and movement-resistant, ready-to-use grout.																					
Product Number	707-1																					
Areas of Application	<ul style="list-style-type: none"><li>• Used for filling grout gaps in tiles, ceramics, porcelain, granite, marble, decorative bricks, glass mosaics, and artificial and natural stone coverings.</li><li>• Can be applied on horizontal and vertical surfaces in both interior and exterior areas of buildings.</li><li>• Safely used in wet areas such as bathrooms, kitchens, balconies, terraces, swimming pools, and water tanks.</li></ul>																					
Characteristics /Advantages	<ul style="list-style-type: none"><li>• Provides excellent adhesion and high strength without cracking on ceramic edges in grout gaps ranging from 2 to 10 mm.</li><li>• Easy to prepare and apply.</li><li>• Provides comfort during application with a long working time; does not scratch glazed surfaces.</li><li>• Offers a smooth, decorative finish with standard color options.</li><li>• Waterproof.</li><li>• Resistant to impacts and vibrations.</li><li>• Resistant to cleaning chemicals and detergents.</li></ul>																					
Reference Standard	TS EN 13888 / CG1 CG1: Normal cement joint sealant material																					
Technical Data	<table><tr><td>Material Composition</td><td>Contains mineral fillings, synthetic additives and special cement.</td></tr><tr><td>Density (Fresh Mortar)</td><td>~1.6 kg/m³</td></tr><tr><td>Application Surface Temp.</td><td>+5°C / +35°C</td></tr><tr><td>Temperature Resistance</td><td>-15°C / +80°C</td></tr><tr><td>Working Time</td><td>2 hours</td></tr><tr><td>Opening for Pedestrian Traffic</td><td>24 hours</td></tr><tr><td>Flexural Strength</td><td>≥ 2.5 N/mm²</td></tr><tr><td>Compressive Strength</td><td>≥ 15 N/mm²</td></tr><tr><td>Wear Resistance</td><td>≤ 2000 mm³</td></tr><tr><td>Storage</td><td>Shelf life is approximately 12 months. Products should be stacked in a cool, dry environment with no more than 10 bags on top of each other.</td></tr></table> <p><i>*All technical values are obtained at a temperature of +23°C and relative humidity of 50%. These values may vary depending on ambient temperature and humidity. At higher temperatures, the curing time shortens, while it extends at lower temperatures.</i></p>		Material Composition	Contains mineral fillings, synthetic additives and special cement.	Density (Fresh Mortar)	~1.6 kg/m³	Application Surface Temp.	+5°C / +35°C	Temperature Resistance	-15°C / +80°C	Working Time	2 hours	Opening for Pedestrian Traffic	24 hours	Flexural Strength	≥ 2.5 N/mm²	Compressive Strength	≥ 15 N/mm²	Wear Resistance	≤ 2000 mm³	Storage	Shelf life is approximately 12 months. Products should be stacked in a cool, dry environment with no more than 10 bags on top of each other.
Material Composition	Contains mineral fillings, synthetic additives and special cement.																					
Density (Fresh Mortar)	~1.6 kg/m³																					
Application Surface Temp.	+5°C / +35°C																					
Temperature Resistance	-15°C / +80°C																					
Working Time	2 hours																					
Opening for Pedestrian Traffic	24 hours																					
Flexural Strength	≥ 2.5 N/mm²																					
Compressive Strength	≥ 15 N/mm²																					
Wear Resistance	≤ 2000 mm³																					
Storage	Shelf life is approximately 12 months. Products should be stacked in a cool, dry environment with no more than 10 bags on top of each other.																					
Surface Preparation	<p>After applying the tiles and ceramics, sufficient time must be allowed for the adhesive to fully cure before proceeding with the grouting process.</p> <p>Before grouting, the surface should be thoroughly cleaned using a trowel or an appropriate grout stick to remove any residue.</p> <p>Before application, grout gaps must be sufficiently moistened with a damp sponge.</p>																					
Preparation Instructions	<p>The appropriate amount of water (7-9 liters of clean water for a 20 kg bag) should be added to a clean mixing container. The powder material should be slowly poured into the water and mixed thoroughly with a low-speed mixer until a homogeneous consistency is achieved, with no lumps remaining. After resting for approximately 2–3 minutes, the mixture should be briefly mixed again and is ready for application.</p>																					
Application Warnings and Recommendations	<ul style="list-style-type: none"><li>• ZNR Fuga Flex should not be used in temperatures below +5°C, or in hot, rainy, or windy weather.</li><li>• Do not add water or powder to ZNR Fuga Flex after it begins to dry.</li><li>• A finger pressure test should be performed 15-20 minutes after application. If it withstands the pressure without transferring to the finger, water should be added to the grout. The surface should then be cleaned with a clean, damp sponge and the surface should be moistened to achieve the desired finish. This process prevents crumbling and cracking of <b>ZNR Fuga Flex</b> and provides an excellent surface finish.</li></ul>																					
General Remarks	<ul style="list-style-type: none"><li>• The product information and descriptions above are prepared based on our experiences and careful research for guidance purposes. The variety of materials and different construction conditions are beyond our control and cannot be influenced by us. In cases of use outside of our control, the guarantee is limited to the quality of the sold product only. No guarantee is provided regarding the application outside the product's manufacturing. This technical data sheet invalidates any previous ones. The quality of the work is</li></ul>																					

	proportional to the professional use of the product. If in doubt, a small test or technical assistance is recommended.
<b>Disposal</b>	Empty packaging should be disposed of in designated collection bins according to local regulations or recycling rules. Used waste materials should be disposed of as construction waste after drying and hardening. Burning product residues is dangerous and may harm the environment.
<b>Safety Information</b>	Keep the products out of the reach of children. Store the product caps tightly closed. It is recommended to use gloves and goggles during work. If the material comes into contact with the skin, wash immediately with soap and water. If the material comes into contact with the eyes, seek immediate medical attention. For further information, please refer to the material safety data sheet.