

## ZNR™ TILEBOND GREY

### Tile Adhesive

Product Description	A cement-based, one-component adhesive that is easy to use, highly stable, and cost-effective. Ideal for bonding tiles, ceramics, granite, and marble to cement-based surfaces such as concrete, plaster, and screed."																																																			
Product Number	700																																																			
Public Works Item Number	04,013/1																																																			
Areas of Application	<b>Applications:</b> <ul style="list-style-type: none"><li>• Suitable for attaching tiles, ceramics, glazed tiles, granite, marble, decorative bricks, glass mosaics, and cast or natural stones.</li><li>• Ideal for both vertical and horizontal applications in interior and exterior settings.</li><li>• Compatible with ceramic coating materials with high absorption capacity.</li><li>• Recommended for wet areas such as kitchens, balconies, terraces, swimming pools, and water reservoirs.</li></ul>																																																			
Characteristics /Advantages	<b>Features &amp; Benefits:</b> <ul style="list-style-type: none"><li>• Suitable for both indoor and outdoor applications.</li><li>• Easy to prepare and apply, with an extended working time.</li><li>• Can be safely used on both horizontal and vertical surfaces.</li><li>• Water and frost resistant after curing.</li><li>• High adhesion strength with excellent impact and vibration resistance.</li><li>• Strong adherence to various surfaces, including concrete, cement mortars, stone, and briquettes.</li></ul>																																																			
Quality Standard	TS EN 12004 C1 : Normally Hardening Cement Adhesive T :Adhesive with Decreased Sliding Feature E :Extended Working Time																																																			
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	Storage	Shelf life is approximately 12 months. Products should be stacked in a cool and dry place, with maximum 10 bags on each other.
	The provided values are based on laboratory tests conducted at 23 ± 2°C and 50% ± 5% relative humidity. Actual results may vary depending on surface and environmental conditions.	
<b>Surface Preparation</b>	Remove loose particles, grease, and other contaminants from the application area. Repair surface defects using <b>ZNR REPAIR</b> mortar. If the surface temperature exceeds 25°C, moisten and saturate it before application. Primer is generally not required under normal conditions. However, for challenging adhesion conditions, use a suitable <b>ZNR</b> Primer based on the surface type.	
<b>Preparation Instructions</b>	Gradually add 25 kg of <b>ZNR TILEBOND GREY</b> powder to 6-6.5 liters of clean, cool water (adjust based on air temperature). Do not add water to the powder. Mix with a low-speed mixer for 3-4 minutes until a homogeneous and smooth consistency is achieved.	
<b>Application</b>	After allowing the mixture to rest for 3-5 minutes, mix again and apply it uni-directionally using a notched trowel suitable for the ceramic size. Place the ceramics onto the notched mortar within 45 minutes under normal temperature and humidity conditions. The open time is approximately 45 minutes but may be shorter depending on ambient conditions. Ensure proper joint spacing between ceramics, and gently press them to achieve full contact with the mortar. For wall applications, joint mortaring can be performed after approximately 24 hours, while for floor applications, wait around 48 hours. It is recommended to use a suitable <b>ZNR FUGA FLEX</b> for joint filling.	
<b>Considerations</b>	<ul style="list-style-type: none"> <li>• <b>Usage Precautions:</b></li> <li>• Do not use expired or encrusted mortar.</li> <li>• Do not add water to mortar that has already hardened.</li> <li>• Do not exceed the recommended water ratio.</li> <li>• Avoid moistening the applied adhesive to extend open time, as it may reduce adhesion performance.</li> <li>• Apply only on firm and properly prepared surfaces. Pre-moisten coatings before application.</li> <li>• Do not apply thicker than the recommended layer.</li> <li>• Protect the application from rain, frost, wind, direct sunlight, and high temperatures for the first 24 hours.</li> </ul>	
<b>General Matters</b>	<p>The product data and descriptions provided are for guidance purposes, based on our experience and thorough research. However, we cannot control variations in materials, construction conditions, or application methods.</p> <p>Our warranty is limited to the quality of the purchased material and does not extend to application performance, which is beyond our control. This technical document supersedes all previous versions. The final work quality depends on the professional application of the product.</p> <p>If in doubt, we recommend conducting a small test or seeking technical assistance.</p>	
<b>Disposal</b>	<b>Disposal Instructions:</b> <ul style="list-style-type: none"> <li>• Dispose of empty packaging in designated collection bins according to regional and local regulations or recycling guidelines.</li> <li>• Used waste materials should be disposed of as construction waste after drying and hardening.</li> <li>• Do not burn product remnants, as this is hazardous.</li> </ul>	
<b>Safety Information</b>	<b>Safety Precautions:</b> <ul style="list-style-type: none"> <li>• Keep the product out of reach of children.</li> <li>• Ensure lids are tightly closed when not in use.</li> <li>• Wear gloves and goggles during application.</li> <li>• In case of skin contact, wash immediately with soap and water.</li> <li>• In case of eye contact, seek medical attention immediately.</li> <li>• For more detailed safety information, refer to the Material Safety Data Sheet (MSDS).</li> </ul>	