

# Master Wall

**Waterproofing paste under ceramic and granite porcelain tiles in wet rooms and kitchens.**

<b>Product Description</b>	Master Wall is an innovative, water based sealant that combines advanced polymers resistant to water and water vapors penetration.
<b>Indicated Use</b>	Master Wall is used to seal walls of wet rooms and kitchens prior to adhering a coat of ceramic and granite porcelain tiles. Designated for sealing green plaster walls, plastered blocks, cement boards, concrete and wooden walls.
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Highest impermeability rate to water and water vapors.</li> <li>• Resistant to fungi, algae and bacterial contamination.</li> <li>• Highly superior strength and flexibility.</li> <li>• Excellent dynamic cracks bridging properties.</li> <li>• Resistant to alkaline environment.</li> <li>• Quick application and drying.</li> <li>• Environmental friendly.</li> </ul>

## Technical Specification

Color	Top Coat: Greenish		
	Base layer: gray		
Recommended spreading rate	1.5-2.0 kg/ m2		
Dry coat thickness	0.8 mm		
Application Temperature	> 5°C		
Heat resistance	> 120°C		ASTM D 2939
Tensile strength	>1.6 MPa		ASTM D 412
Elongation	> 400%		ASTM D 412
Resistance to water pressure	0.5 atm, 24 hours		DIN 52123
Adhesion ability to concrete substrate	Excellent		ASTM C 794 (peeling test)
Adhesion ability of granite porcelain tiles, using a standard cement adhesive	Infrastructure	Adhesion ability MPa	IS 4004, Part 1 Class C2T (pulling test)
	Concrete	1.3	
	Plastered block	1.2	
	Green gypsum board	0.25 Adhesion strength is higher than the tensile strength of the substrate	
Water vapors penetration	0.71 m		IS 1731
Resistance to fungi growth	Resistant		ASTM G 21

### Usage Directions:

<b>Surface Preparation</b>	All surfaces to which Master Wall is applied must be clean and free of any loose particles, dust, casting crust, concrete particles, oil and any foreign matter that may affect adhesion. Fill holes with cement dice reinforced with polymers. Apply standard industrialized cement plaster to obtain a smooth wall, suitable for thin adhesion, using the adhesive indicated for this purpose.
<b>Primer</b>	Dilute Grinish Master Wall with water at a 1:1 ratio and apply a coat of about 250/ 300 gram/sq.m, using a roller, brash or spray. Allow to dry for about two hours.
<b>Application Mode</b>	Apply a uniform coat of Gray Master Wall in an amount of 0.75 - 1.0 kg/ sq.m. Adhered sealing tapes in the corners and around penetrating elements. Allow to dry for about two hours. Apply a uniform coat of Greenish Master Wall in an amount of 0.75 - 1.0 kg/ sq.m. Once dry, after 8 - 12 hours, you may coat with ceramic tiles, using a standard ceramics adhesive.
<b>Packaging</b>	15 kg/ 20 kg pail
<b>Notes</b>	<ul style="list-style-type: none"> <li>Do not dilute the Master Wall, except for preparing the primer. Do not add water or any other substance.</li> <li>Master Wall is not designated for exterior application and is not resistant to water pressure.</li> <li>Do not apply Master Wall when temperature is lower than 5°C or higher than 40°C.</li> <li>Ventilation of closed spaces during and after application is recommended.</li> <li>Store in a cool shaded place. Do not store where temperature is lower than 5°C.</li> <li>Clean tools with water immediately after usage.</li> <li>Master Wall is not flammable.</li> </ul>
<b>Safety Instructions</b>	<ul style="list-style-type: none"> <li>Inedible.</li> <li>Use personal protective equipment when using this product (suitable clothes, gloves, goggles/ face mask).</li> <li>Wash your hands with water and soap immediately after usage.</li> </ul>

The specification and instructions presented on this product are based on our accumulated experience over many years. Yet, we reserve the right to change the specification and are not responsible for deviations from quantities and numbers indicated in it. Moreover, these instructions are just recommendations and the user must verify that the product is compatible with the substances and environmental conditions prior to using the product. When in doubt, please call us and we will gladly guide you. Our recommendations do not consist a warranty for the product. The user must verify that he product, application and environmental conditions fulfill his/her requirements.