



## Master Wall

A waterproofing material for wet rooms and kitchen's walls

### Product description

Master Wall is an innovative, water-based waterproofing material that incorporates advanced polymers with high resistance to water and steam penetration.

### Product Uses

Master Wall is used for waterproofing walls in wet rooms and kitchens before tiling with ceramic and porcelain granite tiles. It is especially suitable for walls made of drywall, gypsum blocks, plastered blocks, cement boards, concrete walls, and walls made of wooden boards.

### Packaging

18 kg pail



### Advantages

- ✓ Very high impermeability to water and steam.
- ✓ Resistant to fungi, algae, and bacterial attack.
- ✓ Especially high strength and flexibility.
- ✓ High bridging ability over dynamic cracks.
- ✓ Resistant to alkaline environments.
- ✓ Integrated with special waterproofing tapes of the Master Tape type for bridging over seams, junctions, corners, penetrating pipes, faucets, etc.
- ✓ Quick application and drying.
- ✓ Environmentally friendly, low VOC.
- ✓ Suitable for green building.



## Technical Specifications

| Test type  | Test results                                |                   |                     | Testing techniques |
|--|---|-------------------|---------------------|--------------------|
| Shade  | gray  |                   |                     |                    |
| Specific weight  | 1.5 - 2.0 gr/ml                             |                   |                     |                    |
| Consumption to obtain a 1 mm thick dry film layer                            | 0.8   |                   |                     |                    |
| Application temperature  | >5 °C                                       |                   |                     |                    |
| Heat resistance  | >120°C                                      |                   |                     | ASTM D2939         |
| Tensile strength, MPa  | >-1.6                                       |                   |                     | ASTM D412          |
| Elongation   | > 400%                                      |                   |                     | ASTM D412          |
| Resistance to water pressure   | 0.5 Atm., 24 hours                          |                   |                     | DIN 52123          |
| Adhesion of tiles<br>Porcelain granite using<br>Repair cementitious adhesive | the place of the fracture                   | adhesion strength | infrastructure      | ת"י 4004/1         |
|  | between the tile and the material infection | 1.3 MPa           | concrete            |                    |
|  | between the tile and the material infection | 1.2 MPa           | Plastered block     |                    |
|  | between the sealant to the infrastructure   | 0.74 MPa          | Green plaster block |                    |
|  | in the infrastructure                       | 0.25 MPa          | Green plasterboard  |                    |
| Water vapor passage  | 0.71 m                                      |                   |                     | ת"י 1731           |
| Resistance to fungal development   | Resistant                                   |                   |                     | ASTM G21           |



## Method of Use

### Surface Preparation

For concrete or blocks: Ensure the surface to be sealed is clean and free from loose parts, dust, formwork shells, concrete debris, oil, or any other foreign material that could interfere with the adhesion of the material to the substrate. Fill holes with an enhanced polymer cementitious putty. Apply a standard manufactured cementitious leveling plaster to achieve a smooth wall suitable for thin adhesive bonding for this purpose.

Boards (drywall, cement, wood): Clean dust and any other foreign material before application.

Gypsum blocks: Sand the surface of the block with grit 2 sandpaper before applying the material.

### Foundation layer - Primer

Dilute Master Wall (green) in water at a ratio of 1:1 and apply a layer of 250-300 g/m<sup>2</sup> using a roller, brush, or spraying. Wait about two hours for touch dry, depending on the weather conditions.

### Method of application

- ✓ Apply a uniform layer of Master Wall at a quantity of 0.75-1.0 kg/m<sup>2</sup>.
- ✓ Adhere matching waterproofing tapes of the Master TAPE type around corners, junctions between different materials, and around penetrating elements.
- ✓ Wait about two hours for drying, depending on the weather conditions.
- ✓ Apply a uniform layer of Master Wall at a quantity of 0.75-1.0 kg/m<sup>2</sup>.
- ✓ After 8-12 hours, when the material is dry (depending on the weather conditions), proceed to tile the walls with ceramic or porcelain granite using a standard ceramic adhesive suitable for the requirements of the Israeli standard and application.





## Method of Use

### Remarks

- ✓ Do not dilute Master Wall except for primer preparation, do not add water or any other substance.
- ✓ Master Wall is not suitable for external use and is not resistant to water pressure.
- ✓ Do not apply Master Wall at temperatures below 5°C or above 40°C.
- ✓ Ventilate closed spaces during and after application until the material is fully dry.
- ✓ Store in a cool, shaded place. Do not store at temperatures below 5°C.
- ✓ Clean tools immediately after use with water.
- ✓ Master Wall is non-flammable.

### Safety instructions

- ✓ Before using the product, you should read the safety instructions and warnings that appear on the product label and the safety data sheet (MSDS) which can be obtained from Pazkar Ltd.
- ✓ **Not for human consumption**
- ✓ While working, use personal protective gear (complete protective clothing, appropriate shoes, gloves, face mask).
- ✓ Wash hands with water and soap immediately after use.

For Safety detailed instructions please refer to Pazkar's safety membranes (MSDS)

#### Warranty

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