



la marque  
du bâtiment

# HYDRO H.M.

MINERALISING WATER-REPELLENT



## 1. PRESENTATION

**HYDRO H.M.** is a **mineralising** and **waterproofing compound** made of organo-mineral resin in aqueous phase for all interior and exterior substrates subject to damage from water.

Thanks to a design made original by its mineralisation technique, it enhances the surface hardness of substrates while allowing them to breathe.

## 2. ADVANTAGES

- Economical (2-in-1).
- Mineralisation and waterproofing in a single application.
- **10-year warranty.**
- Allows the substrate to breathe.
- Application on damp substrates.
- No risk of efflorescence, unlike other mineralisers.
- Can be covered with paint, coating, etc...
- Free of solvents and VOC, preserves the environment.
- Provides treated substrates with a very good resistance to freeze/thaw cycles.

## 3. AREAS OF APPLICATION

- Consolidation and waterproofing of **porous substrates**:
  - Concrete, stone, mortar, brick.
  - Finish coatings, even coloured, etc...
- Treatment against saltpetre and rising damp.
- As joint backing for stone prior to jointing.

## 4. INSTRUCTIONS

### Substrate preparation:

- Substrates must be dry, sound, clean, free of dust, grease, oil.

### Preparatory work:

- Remove Laitances using **DECAP CIM SF** or **DECAP BIO**.  
Algae, moss, lichen using **NETT SUPPORT** or **MOUSSTOP 4 PLUS** or **15 PLUS**.  
Traces of oil and grease using **NETT M**.  
Old coats of loose paint using **DECAP ALL**.  
Loose particles (scraping), dust (brushing).  
Metal parts will be isolated using an anti-rust primer **PAINT M ROUILLE** or **PAINT M COVER**.  
Traces of saltpetre using **DECAP CIM SF** or by brushing using a wire brush.
- Rinse with water.
- On substrates affected by saltpetre or damp treated with **PAINT D ANTI-HUMIDITE**.
- In the case of chalking substrates, apply the substrate fixative **FIX'O** in solution.
- Wait for **complete drying** before applying **HYDRO H.M.**

### Precautions

*These recommendations cannot replace the appropriate determination of the nature and condition of the substrates to be implemented.*

EURO DORTHZ PRODUCTION

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## Implementation:

Before applying the product, perform a test to determine the absorption capacity of the substrates. Apply the product **from bottom to top** using a roller, brush, spray gun or a low pressure sprayer fitted with a blue nozzle (flat jet) that ensures the solution is evenly applied. Generally apply **0.2 L/m<sup>2</sup>** (depending on the porosity of the substrate). Apply a second coat if necessary.

## Application:

<b>Application temperature</b>	: Do not apply if $\leq 5^{\circ}\text{C}$ or if frost may occur within 24 hours
<b>Application technique</b>	: Roller, brush, spray (blue nozzle), airless spray gun
<b>Dilution</b>	: Ready to use product
<b>Number of coats</b>	: 1 or 2 coats depending on the porosity of the substrate
<b>Consumption</b>	: 5 to 10 m <sup>2</sup> /L
<b>Time interval between coats</b>	: 1 hour depending on the drying time of the 1 <sup>st</sup> coat
<b>Drying time</b>	: 1 hour (at 20°C and 65% RH)
<b>Coating over</b>	: 2 hours (at 20°C and 65% RH)
<b>Cleaning of the equipment</b>	: Water (do not allow to dry) : <b>DECAP ALL</b> (after drying)

## 5. CHARACTERISTICS

<b>Appearance</b>	: Milky white liquid
<b>Density</b>	: 1.00 $\pm$ 0.05 g.cm <sup>-3</sup>
<b>pH</b>	: 10.0 $\pm$ 0.05
<b>Shelf life</b>	: 12 months in its unopened original packaging

(For more information, please refer to paragraph 9 of the safety data sheet).

## 6. SAFETY OF USE

- See the product's Safety Data Sheet at [www.quickfds.fr](http://www.quickfds.fr).
- Store away from frost and high temperatures.
- Protect substrates that do not require treatment. Do not apply on marble.

The details provided in this Data Sheet are given in good faith, for information purposes only. They shall not in any case constitute a guarantee on our part, or engage our responsibility when using our products. This Data Sheet supersedes all previous versions. Compagnie France Chimie reserves the right to make changes to its products and to this data sheet without prior notice. Our clients shall ensure, before any implementation, that these instructions have not been replaced by a more recent version that takes into account new technical data.

**Product solely intended for professional use.**

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