



# HYDRO MINERAL

## TECHNICAL DATA SHEET

### MINERALIZER AS

Water repellent | All Substates

**PROCESS INTRODUCTION :** MINERALIZER AS is a non-film forming treatment for the consolidation and waterproofing of all porous mineral supports. MINERALIZER AS has a high penetrative ability by capillary action, allowing it to treat the materials deeply and thoroughly. MINERALIZER AS is not sensitive to UV, and the mineralization is permanent.



MINERALIZER AS is a mineralizing solution of poly-crystalline silicon. It enters the material by capillary action, it creates a chemical reaction by the crystallization of the free lime and the formation of silica into the pores. This reaction is called mineralization. Treated materials become waterproof and more resistant to the external attacks (de-icing salts, cleaning products, high-pressure washing, frost, atmospheric aggressions, etc...).

MINERALIZER AS increases the strength and stops the soft rise of laitance to the surface (carbonation). MINERALIZER AS has a fast drying time (30 min to 2 hours depending on conditions) and it does not alter the appearance of the materials.

The materials treated, improve significantly their physical properties and can receive all types of post-treatment (paint, resins, tiles, glue, etc. ...).

#### DOMAIN OF IMPLEMENTATION :



Indoor



Outdoor



Swimming  
Pool Edges



Open  
to traffic



Pedestrian

MINERALIZER AS can be used as a preventive or curative treatment on all types of porous mineral materials such as stone, terracotta, slate, concrete, restored paving, granite, tile grout, porous tiles, etc. indoors or outdoors, on dry or damp materials (humidity level below 40%). It can be used as a preventive treatment against graffiti ( combined with HYDRO+ for a better result)



**LIMITATIONS OF USE :** MINERALIZER AS is a mass treatment product that penetrates materials by capillary action, treated surfaces must be clean and sound: they must not contain any synthetic coating of organic origin (paints, resins, silicon based water-repellent, film forming coatings etc).

**It is essential to proceed with a preliminary test before any definitive treatment.**

#### PACKAGING :

Plastic containers :  
20 L, 5 L, 2 L and 500 ml Spray



\* Dangerous - Respect safety precautions.

The information contained in this leaflet is intended to help users. It is from the result of tests carried out objectively in our laboratories. It is up to the users of our products to decide if the products are suitable for the job they want to do.

In doing so, Hydro-Mineral do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.



# HYDRO MINERAL

## IMPLEMENTATION SHEET

### MINERALIZER AS

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#### APPLICATION :



Spray



Protective Sheet



Adhesive Tape

On clean surface, apply with a spray or a squeegee until the substrate has reached saturation, depending on the porosity make 1 or 2 applications of MINERALIZER AS at least 30 minutes apart. After application, leave it penetrate for 15 minutes and wipe the excess with absorbent paper.

**AVERAGE CONSUMPTION :** 1 Litre = 8 m<sup>2</sup> to 10 m<sup>2</sup> depending on the porosity.

#### PRECAUTIONS AND CONDITIONS OF APPLICATION :

Temperature of the material	5°C Min	20°C Max
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Air temperature	5°C Min	25°C Max
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**It is essential to proceed with a preliminary test before any definitive treatment.**

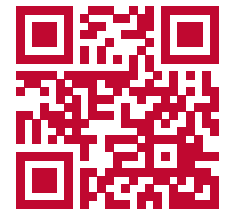
MINERALIZER AS is ready to use. Do not mix it with another product, do not dilute.

**It is essential to protect all the materials which are not to undergo this treatment:**

glass surfaces, door frames and conservatories in aluminium or PVC, paint, panelling, vehicles, etc...Do not apply in direct sunlight. Do not apply in frosty weather or when there is a risk of frosting in the hours which follow the application. Do not use the spray in high winds.



View the implementation video



Scan code

**Shake the container well before use.**



Gutters



Openings



Verandas

**EQUIPMENT CLEANING :** Clean the equipment with water, rinsing thoroughly, do not leave any product in the spray. Recycle or dispose of the packaging in accordance with the legislation in force.

#### PHYSICAL AND CHEMICAL PROPERTIES :

**ASPECT :** Liquid **COLOUR :** Colourless **FLASH POINT :** 49°C **ODOUR :** Aromatic **DENSITY :** 1<

#### DANGER AND SAFETY INFORMATION :

**H226:** Flammable liquid and vapour. **H319:** Causes serious eye irritation. **H332:** Harmful if inhaled. **H335:** May cause respiratory irritation. **P101:** If medical advice is needed, have product container or label at hand. **P102:** Keep out of reach of children. **P103:** Read label before use. **P210:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. **P261:** Avoid breathing vapours. **P271:** Use only outdoors or in a well-ventilated area. **P280:** Wear protective gloves / protective clothing / eye protection / face protection. **P303+P361+P353:** IF ON SKIN (or hair) Take off immediately all contaminated clothing. Rinse skin with water/shower. **P304+P340:** IF INHALED : Remove person to fresh air and keep comfortable for breathing. **P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. **P312:** Call a ANTI POISON CENTER or a doctor in case you feel unwell. **P337+P313:** If eye irritation persists: Get medical advice/attention. **P403+P235:** Store in a well ventilated place. Keep cool. **P501:** Dispose of contents / container to a disposal facility in accordance with local regulations.

Dangerous - Respect safety precautions.

#### PERSONAL PROTECTION :



Safety glasses



Safety mask



Gloves



Rubber boots



Coveralls

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