



### MINERALIZER CM Concrete Masonry Water-repellent

**PROCESS INTRODUCTION :** MINERALIZER CM is a non-film forming treatment for the consolidation and waterproofing of all porous mineral based cement and mortar substrates. MINERALIZER CM has a highly penetrative ability by capillary action, allowing it to treat the substrates deeply and thoroughly, "MINERALIZER CM" is not sensitive to UV, and the mineralization is permanent.



MINERALIZER CM 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. The materials treated become waterproof and resistant to the external attacks (de-icing salts, cleaning products, high-pressure Washing, frost, atmospheric aggressions, etc...).

MINERALIZER CM Hydro-Mineral increases hardness, stops the phenomenon of chalking and blocks laitance rising (carbonations). It can be used as a preventive or curative treatment, on new or old concrete, on horizontal or vertical surfaces, wet or dry.

MINERALIZER CM has a fast drying time (30 min to 2 hours depending on conditions) and it does not alter the appearance of the materials. Treated materials improve significantly their physical properties and can receive all types of post-treatment (paint, resins, tiles, tile glue, etc...).

#### SCOPE OF IMPLEMENTATION :



Indoor



Outdoor



Open to traffic



Pressured tank



Back-pressured tank

MINERALIZER CM can be used as a preventive or curative treatment on road structures made with concrete, under tile waterproof membranes, slabs, foundation walls, pressured or back-pressured tanks, garages and underground car parks, autoclaved aerated concrete. In general, all cement and limestone based surfaces.



#### LIMITATIONS OF USE :

MINERALIZER CM is a product of mass treatment 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, silicone 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 and 5 L.



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 CM Concrete Masonry Water-repellent

#### APPLICATION:



Spray



Protective Sheet



Adhesive Tape

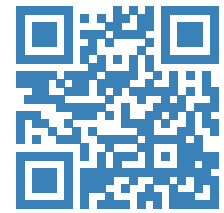
On clean surface, dry or wet, apply with a spray until the material has reached saturation. Depending on the porosity make 2 or 3 application of MINERALIZER CM with at least 2 hours apart.

**For applications on vertical surfaces :** leave the product penetrate for 10 minutes then rinse slightly with water to remove the excess.

**For applications on horizontal surfaces :** leave the product penetrate for 10 minutes and spread the excess with a squeegee. If after 15 minutes, some the product has not penetrated in the surface, slightly rinse with water the whole treated surface. Do not leave puddles.



View the implementation video



Scan code

#### AVERAGE CONSUMPTION :

1 Litre = 3 m<sup>2</sup> to 5 m<sup>2</sup> depending on the porosity.

#### PRECAUTIONS AND CONDITIONS OF APPLICATION :

Temperature of application	Min	Max
Temperature of the material	5°C	20°C
Air temperature	5°C	25°C

MINERALIZER CM 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.

In case of splashing, rinse the affected areas with water.

**Shake the container well before use.**

#### EQUIPMENT CLEANING :



Gutters



Openings



Verandas

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

**ODOUR :** None

#### PERSONAL PROTECTIONS :



Safety glasses



Gloves



Rubber boots



Coveralls

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