

# HYDROLEOSOL

WATER/OIL REPELLING FLOOR PROTECTOR  
AFNOR CLASSIFICATION, FRENCH STANDARD NFT 36 005 FAMILY 1 CLASS 6A



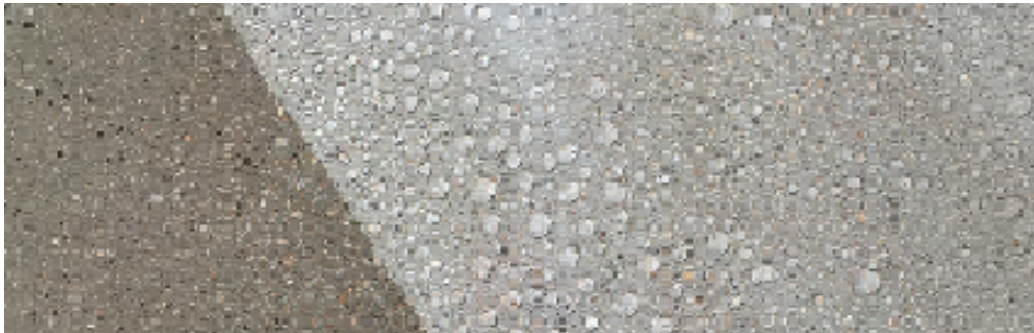
## 1. PRESENTATION

**HYDROLEOSOL** is a ready-to-use solution used on vertical and horizontal surfaces to protect all porous materials used in buildings.

**HYDROLEOSOL** complies with standard *NF EN 16301 (sensitivity of natural stone to accidental staining)*.

## 2. ADVANTAGES

- Protects against ingress of water, oil and any greasy substance.
- Colourless after drying.
- Facilitates cleaning.
- Does not alter the appearance of the surface.
- Beading effect.
- Invisible.
- Does not flake, does not fade over time.
- Does not form a film on the surface.
- Allows the substrate to breathe.



## 3. AREAS OF APPLICATION

Water and oil repellency for:

- All mineral surfaces: Concrete, stone, mortar, brick, reconstituted stone...
- Exterior and interior wood.
- Façade: optimal protection against water and pollutants that contaminate the surface.

## 4. INSTRUCTIONS

Substrate preparation:

Substrates must be dry and free of dust, grease, oil, moisture.

Preparatory work:

- Remove Laitances or curing products using **DECAP CIM SF** or **DECAP BIO**.  
Traces of oil, grease, wax using **NETT EURO KLINE**.  
Algae, moss and mould using **MOUSSTOP 4 PLUS** or **15 PLUS**.  
Old coats of paint using **DECAP ALL**.  
Loose particles (scraping), dust (brushing).
- Non-absorbent surfaces such as vitrified clay, high-dose cements, glazed surfaces or substrates made of very close graded concrete (e.g. use of power float, self-levelling coating, etc.) will have to be etched or deglossed through chemical action with **NETT SILICE**, mechanical means (blasting) or grinding.
- On very fat concrete substrates (release oil), use **NETT PROCLEAN** (degreaser made from emulsifiable solvents).
- Rinse with water.

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The porosity of the substrate will determine the adhesion of the coating. To define a substrate as **ABSORBENT**:

Good substrate porosity can easily be checked by pouring a small amount of water on the dusted substrate.

If the water penetrates, a dark stain forms: the substrate is considered absorbent.

If the water forms "beads" and does not make the concrete wet, roughen in order to achieve good adhesion.

### Precautions:

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

- Do not apply before 28 days on new concrete and mortar, or on lime.
- Do not apply on frozen or thawing substrates, or those likely to freeze.
- Do not apply on hot substrates and in threatening weather.
- Do not use on asphalt or coated floors.
- Do not apply on substrates or at a temperature below +6°C and +25°C.
- Do not apply on materials that have been treated with a surface waterproofing compound or equivalent.
- Do not apply on substrates with rising damp, plastics and metals.
- Beware of the dew point.

### **Ground holes and imperfections must first be filled.**

Cement concretes and mortars must be at least 28 days old, contain less than 4% moisture and be free of water or steam underpressure during application.

### Implementation:

Apply 2 coats of **HYDROLEOSOL** "wet on wet" at a rate of 90-110 g/m<sup>2</sup> per coat (i.e. 1 L for 5 m<sup>2</sup> for both coats) depending on the absorption capacity of the substrate.

Leave to dry for 24 hours before allowing traffic on the surface.

It is recommended to wait 48 to 72 hours if heavier traffic is expected (cars, motorcycles...).

Optimum protection is achieved after 5 days.

### Application:

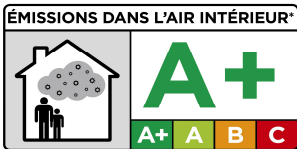
<b>Application equipment</b>	: Brush, roller, spray (blue nozzle)
<b>Ground temperature</b>	: +12°C to 25°C
<b>Application temperature</b>	: +10°C to 30°C
<b>Hygrometry</b>	: < 75%
<b>Consumption</b>	: 90-110 g/m <sup>2</sup> per coat i.e. 1 L for 5 m <sup>2</sup> for both coats depending on the porosity of the substrate
<b>Cleaning of the equipment</b>	: Water

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## 5. CHARACTERISTICS

<b>Appearance in container</b>	:	Colourless liquid
<b>Drying time (at 20°C and 50% RH)</b>	:	1 hour
<b>Commissioning time</b>	:	24 hours minimum
<b>VOC (Directive 2004/42/EC)</b>	:	EU limit value for this product (cat. A/g)*: 30 g/L (2010). This product contains 12g/L maximum.
<b>VOC (French decree no. 2011-321 of 23/03/2011)</b>	:	 *Information on the emission level of volatile substances in indoor air that present a risk of toxicity through inhalation, on a scale ranging from A+ (very low emissions) to C (high emissions)
<b>Shelf life</b>	:	1 year 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).
- For areas in the shade or with a low gradient, schedule an annual maintenance with **MOUSSTOP 4 PLUS** or **15 PLUS** (preventive dilution).

*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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