



D'MOULDGUARD® PLANT-BASED



FR/027/016

**CMR-FREE
CERTIFIED**

DELAYED RELEASE PLANT-BASED AGENT

- 100% PLANT-BASED OIL**
- CMR-FREE AND SOLVENT-FREE**
- EASY REMOVAL FROM MOULDS WITH QUALITY SURFACE FINISH**

- ENVIRONMENTALLY FRIENDLY AND SAFE FOR USER**
- ODOURLESS & BIODEGRADABLE**
- READY TO USE**

PRODUCT DESCRIPTION

D'MouldGuard® Plant-Based is a solvent-free form release agent for concrete and mortar, formulated from 100% plant-based raw materials.

D'MouldGuard® Plant-Based is designed for delayed demoulding of all types of white or coloured concrete (architectural, fibre-reinforced, high-performance, etc.). It prevents any adhesion of concrete or laitance to the formwork and leaves no oily residue on the concrete.

D'MouldGuard® Plant-Based facilitates formwork removal and allows for the subsequent application of renders or paints (acceptance of the substrate is the responsibility of the applicator).

D'MouldGuard® Plant-Based is an eco-friendly product formulated from renewable plant-based raw materials, free from petroleum solvents and with a low VOC content. It is completely safe for users and the environment.

USE

D'MouldGuard® Plant-Based is used on construction sites and in prefabrication on metal, plastic and timber formwork.

ADVANTAGES AND CHARACTERISTICS

- Removes any concrete or curing slurry residue from the formwork.
- Leaves no oily residue on the concrete.
- Enables the subsequent application of renders or paints.
- Excellent resistance to high temperatures.

ENVIRONMENT

Environmentally friendly product :

- Formulated using 100% plant-based ingredients.
- Solvent-free and CMR-free.
- Non-hazardous and non-toxic.
- 80% biodegradable.
- VOC < 1 g/l.



PACKAGING

25L drums. 220L barrels. 1 000L IBC containers.

COVERAGE

Consumption depends on the porosity of the material and the type of application. The figures below are given as a guide: **30 to 50 m² / litre**.

HOW TO USE

- Apply the product undiluted to a clean surface. Scrape away any concrete residue from the formwork surface and wipe the formwork surface clean with a cloth (if any marks are visible).
- Using a low-pressure sprayer (minimum 3 bar), apply a thin, even coat of the product, ensuring there are no gaps or excess thickness (do not overload the substrate).
- Pour your concrete as usual, vibrating it evenly.
- Recommended application temperature: -10°C to +50°C.

APPLICATION TOOLS

It is best to apply using a low-pressure sprayer (minimum pressure of 3 bar). A roller or brush may also be used.



CLEANING YOUR EQUIPMENT

Clean tools and equipment with a degreasing cleaner immediately after use.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Colour	: Yellow / gold
Odour	: Neutral
Boiling point	: > 196°C in accordance with ISO 2592
Density	: 0.92± 0.02
Solubility in water	: Insoluble

STORAGE

- Store in a dry place at a temperature between 0°C and 40°C.
- Shelf life: 12 months from the date of manufacture, in the unopened original packaging.

PRECAUTIONS FOR USE

- Only treat surfaces that have been thoroughly cleaned of all atmospheric contamination and stains.
- Always carry out a test application before each use to ensure that the product's instructions and application conditions are suitable.
- For applications on small and/or complex-shaped moulds, we recommend wiping the mould surface with a cloth after application.
- Do not leave in constant contact with paints and plastics: risk of damage to the substrates.
- When applying by spraying, precautions regarding aerosol formation must be taken.

HEALTH / SAFETY

For intensive use, refer to paragraph 8.2 of the safety data sheet.

- Respiratory protection : Under normal conditions of use where adequate ventilation is available, no special respiratory protection equipment is needed.
- Hand protection : As a precautionary measure, wear nitrile gloves.
- Skin protection : No special protective clothing or skin protection is required under normal conditions of use.
- Eye protection : If there is a real risk of splashing, wear protective goggles.
- If swallowed : Do not induce vomiting. Contact a doctor or a specialist.

PROFESSIONAL USE ONLY



TECHNICAL SUPPORT

GUARD INDUSTRY

695B Rue de l'Hers - ZA de la Masquere
31750 ESCALQUENS • FRANCE
Tél: +33 (0)1.55.86.17.60 • Fax:+33 (0)1.48.58.16.89
E-mail : contactus@guardindustry.com
www.guardindustry.com

Important: The content of this documentation is based on our experience with the product. Guard Industry guarantees the quality of its products but expressly disclaims all liability if the user does not follow the recommendations and conditions of use of the products, especially but not exclusively in the case of faulty application, application by untrained personnel, use of products not compatible with Guard Industry products, or adverse weather conditions. For more information, consult the safety data sheet.

For the most recent version of our data sheet, visit our website www.guardindustry.com

Last updated : 03/04/2026