

# IMPERGUARD® SV



## WATER REPELLENT FOR CONCRETE

- PROTECTION AGAINST WATER**
- NON FILM-FORMING: LETS A SURFACE BREATHE**
- PENETRATES IN DEPTH**

- CLEAR PROTECTION**
- UV AND ABRASION RESISTANT**
- INTERIOR AND EXTERIOR**

### PRODUCT DESCRIPTION

ImperGuard® SV is a high performance solvent-based product intended for the water-repellent protection of all types of concrete.

ImperGuard® SV has exceptional water performance and helps protect porous and low porous concrete against the penetration of rainwater. It is able to greatly reduce the capillary absorption of water. Its penetrating power allows it to protect the support up to 1 cm thickness.

ImperGuard® SV thus limits the harmful effects of humidity: acid rain, erosion, freeze / thaw cycle, formation of mosses and lichens, efflorescences, etc.

ImperGuard® SV is a non film-forming impregnating treatment, meaning that the treated surface remains permeable to air and water vapour. It is totally colourless after application and changes neither the appearance nor the composition of the treated material. However, on certain materials, the product may slightly accentuate the colour (carry out a preliminary test).

ImperGuard® SV is also UV-resistant and does not discolor with age.

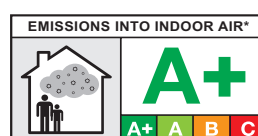
### USE

ImperGuard® SV is recommended for the treatment of new or renovated facades, walls and floors. It can be used indoors and outdoors to protect all types of concrete: shuttering, prefabricated, fiber-reinforced, UHPC, GRC...

ImperGuard® SV can also be used on all porous or low porous materials such as: stone, brick, marble, granite, sandstone, polished or crystallized surfaces, etc.

### ADVANTAGES AND CHARACTERISTICS

- Reduces water absorption and limits efflorescence formation moss and lichen growth.
- Delays damage due to freeze / thaw.
- Protects in depth up to 1 cm.
- Non-film-forming, allows the support to breathe.
- Very economical: very little product is enough to protect a large area.
- UV resistant, does not yellow.
- Ready to use and easy to use.



## CHEMICAL NATURE

Solvent-based dispersion based on silane and siloxane.

## CONTAINERS

5 and 20 litres.

## TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Uncoloured
Odour	: Slight
pH	: Non measurable
Density	: 0.81 ± 0.02
Solubility in water [vol/vol]	: Insoluble
Flash point [°C]	: > 42°C
Fire spread	: > 110 ° C
VOCs	: 780 g/l*

## HOW TO USE

### Surface preparation :

- The conditions of application and substrate preparation must comply with French unified code of practice DTU 59.1.
- Apply the product to a surface that is clean, dust-free, grease-free and dry.
- Clean using **Guard Cleaner® Surface Preparation** to open up the porosity of the concrete and allow optimum grip of the protection. This step also allows the elimination of traces of efflorescence, laitance or cement bloom. Repeat the operation in case of persistent traces.
- In case of greasy stains or formwork release oil residues, use **Guard Cleaner® Maintenance** first.
- Rinse carefully with a pressure washer until the surface is free from all traces of the cleaner.
- Wait for complete drying through, approximately 24 hours before treatment.

### Application :

- Use neat, do not dilute.
- Shake the product well before use.
- Always carry out a preliminary test.
- Apply a product pass over the entire substrate from the bottom-up.
- Allow the product to penetrate and dry (10 to 60 minutes depending on the porosity and temperature of the substrate).
- Do not overload the support, remove any excess by dabbing before the product dries on the support.
- Surface dries in 1 hour.
- Optimum effectiveness obtained after 2 days.

## APPLICATION TOOLS

- Apply using a brush or an low pressure sprayer with a Viton seal.



## MAINTENANCE

The support can be cleaned with the cleaner **Guard Cleaner® Maintenance**.

## COVERAGE

The figures below should be used only as a general guideline:

**100 to 125 g / m<sup>2</sup> - 8 to 10 m<sup>2</sup> / litre.**

## CLEANING YOUR EQUIPMENT

Clean tools and equipment immediately after use with a solvent.

## STORAGE

- Keep in a dry place (between 5°C and 30°C).
- Storage: 24 months following the production date when kept in the original unopened container.

## RECOMMENDATIONS

- Only treat surfaces previously cleaned of all atmospheric pollution and stains.
- On fresh concrete or cement, wait at least 28 days before application.
- Do not apply to organic, metallic or waterproofing materials.
- For a perfect application and effective protection, **ProtectGuard® SV** must be used on a support having a temperature between 10°C and 30°C, a humidity level less than or equal to 5% and a pH between 7 and 10.
- Do not apply in rainy weather, very hot weather or in full wind. Air temperature between 10°C and 30°C. Hygrometry rate: between 30% and 80% RH (relative humidity). Check for the absence of precipitation within 24 hours of the work.
- Always handle the product in a ventilated area.
- Provide protection for the surrounding supports and protection for the applicator.
- Do not dilute or mix with any other product.

## HEALTH AND SAFETY

- Respiratory protection : Do not inhale the product. Wear a protection mask (type: ABEK).
- Hand protection : Wear fluorinated rubber gloves.
- Skin protection : Wear appropriate protective clothing.
- Eye protection : Wear protective airtight goggles (ref. standard EN 166)
- If swallowed : Do not induce vomiting. Contact a doctor or a specialist.

**PRODUCT FOR PROFESSIONAL USE ONLY**

## TECHNICAL SUPPORT

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**For the most recent version of our data sheet, visit our website [www.guardindustry.com](http://www.guardindustry.com)**

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