

IMPERGUARD®



HIGH PERFORMANCE WATER-REPELLENT PROTECTION OF POROUS MATERIALS

- PROTECTS AGAINST WATER AND HUMIDITY**
- HIGH PENETRATING POWER AND QUICK EFFICIENCY**
- ANTI-DUSTING ACTION**
- NON FILM-FORMING, LETS THE SURFACE BREATHE**
- ODOURLESS, INVISIBLE AND VOC-FREE**
- UV AND FROST-RESISTANT**

PRODUCT DESCRIPTION

ImperGuard® is a high performance water-repellent product for protecting porous walls, facades and roofs from humidity. ImperGuard® penetrates deeply into the pores of the material to make it impermeable and so prevent the harmful effects of humidity: infiltrations, acid rain, erosion, freeze/thaw cycle, moss and lichen growth, efflorescence, saltpetre, etc.

The chemical composition of the solution also enables it to perform as well as a solvent-phase product. The water-repellent properties of ImperGuard® are therefore developed very quickly (within a few hours to 3 days).

ImperGuard® also has an anti-dusting action and hardens the surface of materials.

ImperGuard® is a penetrating, non-film-forming product. The substrate remains permeable to air and water vapour. Completely colourless after application, it modifies neither the appearance nor the nature of the treated material. In addition, it is completely resistant to UV light and does not yellow with age.

USE

ImperGuard® can be used indoors and out on vertical surfaces and roofs. It is ideal for the water-repellent treatment of porous materials such as natural stone, concrete, rendering, brick, terracotta, cement...

ImperGuard® is used for new works or refurbishment as well as on back side of natural stones with compatible adhesives.

ADVANTAGES AND CHARACTERISTICS

- Excellent water-repellent properties.
- Quick and long-lasting efficiency (> 5 years)
- Prevents penetration by water.
- Limits the development of efflorescence, moss and lichen growth.
- Prevents frost/thaw damage.
- Anti-dusting action.
- Non-film-forming – allows substrate to breathe.
- UV-resistant – does not yellow.
- Invisible after drying.
- Ready and easy to use.
- Non corrosive and non flammable.



A 5 Year Quality Guarantee



CHEMICAL NATURE

Mixture of silicate, silicate and silane.

ENVIRONMENT

Environment-friendly product:

- Petroleum solvent free.
- Safe and non toxic.
- Biodegradable > 90%* at 28 days.
- VOC < 1 g/l*.

CONTAINERS

1, 5 and 25 litres cans.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Clear
Odour	: Slight
pH	: >13
Boiling point [°C]	: 100 °C
Density	: 1.02 ± 0.02
Solubility in water [vol/vol]	: Total
Flash point [°C]	: Not applicable

HOW TO USE

Surface preparation :

- Apply the product to a clean, dust-free, degreased and dry surface. To remove stains and traces of pollution use **Guard Wash® Express**. For greasy stains, use **Guard Cleaner® Degreaser** and for traces of efflorescence, laitance or cement films use **Guard Remover® Efflorescence & Cement**.
- Rinse thoroughly until the surface is free of all traces of the cleaner and allow to dry for 24 to 48 hours.

Application :

- Use neat, do not dilute.
- Shake the product well before use. Always carry out a preliminary test.
- The treated surface should be impregnated to saturation point, either in one application or in two applications 'wet-on-wet'.
- Always apply from bottom to top.
- Do not overcharge the substrate – remove all excess before it dries. Risk of white stains in case of excess.
- Protected drying: 24 hours.
- Maximum effectiveness achieved after 3 days.

APPLICATION TOOLS

Apply using a low pressure sprayer, a roller or a brush.



COVERAGE

Coverage depends on the porosity of the material. The figures below should be used only as a general guideline:

3 to 6 m² / litre.

CLEANING YOUR EQUIPMENT

Clean tools and equipment immediately after use with water.

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

- Surfaces should not be treated until they have first been cleaned of all atmospheric pollution and all stains.
- **Always carry out a test first to check product's penetration and to ensure the finished result is acceptable.**
- Do not apply to low-porous, organic, metallic or waterproof materials.
- Do not apply to tiles in slate, or to tiles that are already treated with a protection product.
- For ideal application and effective protection, **ImperGuard®** must be stirred. Also, it is essential that it be used only when the substrate temperature is between 5°C and 30°C.
- Do not apply in rain or very hot weather. Air temperature between 5°C and 30°C.
- Protect glass and tiled substrates, as well as wood and light alloys (aluminium, chrome, copper, zinc, etc.). In the case of accidental splashes, rinse immediately with water.
- Do not dilute or mix with another product.

HEALTH AND SAFETY

- Respiratory protection: Under normal conditions of use where adequate ventilation is available, no special respiratory protection equipment is needed.
- Hand protection : Wear latex 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.

KEEP OUT OF REACH OF CHILDREN

TECHNICAL SUPPORT

GUARD INDUSTRY

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For the most recent version of our data sheet, visit our website

www.guardindustry.com

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