



WATER REPELLENT TREATMENT FOR THE PROTECTION OF VERTICAL BUILDING SURFACES MADE WITH POROUS MATERIAL

PRODUCT DESCRIPTION

IMPERGUARD is a water repellent product designed to protect building façades against damp.

IMPERGUARD is designed for both indoor and outdoor use on any kind of porous material, (although this type of treatment is relevant only for vertical or steeply sloping surfaces). Natural stone, concrete, terracotta, cement and self-locking paving may all be treated with this product.

IMPERGUARD is an environmentally-friendly water-borne treatment, (non toxic, solvent-free) that protects all porous materials from the problems associated with water penetration.

IMPERGUARD is an impregnation treatment that offers long-lasting protection against rain penetration in walls without preventing their breathing (walls remain permeable to air and water vapour).

IMPERGUARD is completely colourless after application and does not change the appearance or composition of the material treated. It is UV-resistant and does not discolor with age.

Moreover, the presence of surfactants in the product lowers the surface tension of the solution and means equally good results can be obtained as when using a solvent-borne product. In the majority of cases, **IMPERGUARD's** water repelling qualities become fully effective two to five days after application.

CHEMICAL COMPOSITION

- **IMPERGUARD** is a chlorophyllane based aqueous emulsion that is both solvent and solvent-derivatives free.

ADVANTAGES AND CHARACTERISTICS

- Effective for more than 10 years, as demonstrated by the CSTC
- Can be applied to vertical, horizontal, inside and outside surfaces
- Prevents the penetration of water based liquids
- Limits efflorescence formation
- Limits moss and lichen growth.
- Prevents deterioration resulting from the freeze-thaw cycle
- Makes cleaning easier
- Non film-forming, and allows the surface to breathe
- Non-hazardous and non-toxic
- Water-borne product
- Solvent free
- 95% biodegradable
- UV-resistant, does not discolour
- Invisible after drying
- Ready to use
- Easy to use

PACKAGING

1, 5, 10, and 25 litre containers

TECHNICAL DATA

Physical State at 20 °C	: Liquid
Appearance	: White
Odour	: None
pH	: 7 ± 0.5
Boiling point [°C]	: 100 °C
Density	: 1.0 Kg/L
Solubility in water [vol/vol]	: Fully soluble
Flash Point [°C]	: Not applicable

APPLICATION

- Shake the container well before use
- Ensure the surface to be treated is clean, dust-free and dry before applying the product
- Use neat, do not dilute
- Apply using a low-pressure sprayer, roller or brush
- The treated surface should be impregnated to saturation point, either in one application or in two applications 'wet-on-wet'
- On vertical surfaces, apply from the bottom up
- Drying time: 24 hours
- For the best results: wait 5 to 7 days

COVERAGE PER LITRE

Coverage depends on the porosity of the material. The figures below are approximate and should be used only as a general guideline:
4 - 6 m² / litre

CLEANING EQUIPMENT

- Clean tools and equipment immediately after use with water

STORAGE

- Keep in a cool, dry place
- Keep away from extreme cold, do not store in conditions below 5°C

RECOMMENDATIONS

- Remove all atmospheric pollution-related dirt from all surfaces to be treated before starting the treatment.
- To obtain the best look and results on application, **IMPERGUARD** should be shaken before use and must be used only when the temperature of the surfaces to be treated is greater than 5°C
- Do not apply during rainy or very hot weather
- Do not dilute or mix with any other 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: None needed
- 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 THE REACH OF CHILDREN

TECHNICAL ASSISTANCE

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Important: The contents of this document are the result of our experience with this product. We cannot be in any way held liable for its use in individual cases. For more information, please see the Material safety data sheet.