

# IMPERGUARD® SR

## SPECIAL ROOFING



## HIGH PERFORMANCE WATER-REPELLENT FOR PROTECTING POROUS ROOFINGS

- PROTECTS AGAINST WATER AND HUMIDITY**
- HIGH PENETRATING POWER AND QUICK EFFICIENCY**
- NON FILM-FORMING, LETS A SURFACE BREATHE**
- ODOURLESS & INVISIBLE**
- UV AND FROST-RESISTANT**

### PRODUCT DESCRIPTION

ImperGuard® SR is a high performance water-repellent product for protecting porous roofings from humidity. ImperGuard® SR penetrates deeply into the pores of the material to make it impermeable and so prevents 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® SR are therefore developed very quickly (within a few hours to 3 days).

ImperGuard® SR 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® SR can be used outdoors on porous roofings in terracotta or cement.

ImperGuard® SR is used for new and renovated constructions.

### CHEMICAL NATURE

- Mixture of silicate and silane in aqueous phase.

### ADVANTAGES AND CHARACTERISTICS

- Excellent water-repellent properties.
- Quick efficiency.
- Prevents penetration by water.
- Limits the development of efflorescence.
- Limits moss and lichen growth.
- Prevents frost/thaw damage.
- Non-film-forming – allows substrate to breathe.
- UV-resistant – does not yellow.
- Invisible after drying.
- Ready to use.
- Easy to use.
- Non flammable.

### ENVIRONMENT

#### Environment-friendly product:

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

### CONTAINERS

5 and 25 litres.

\* Calculation based on the components' data.

## TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Clear
Odour	: Slight
pH	: 11.5 ± 0.5
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 surface that is clean, dust-free, grease-free and dry. To remove stains and marks of pollution use **Guard Wash®**. For lichen and moss use **Guard Antimoss®**.

### Application :

- Use neat, do not dilute.
- Shake the product well before use. Always carry out a preliminary test.
- The substrate must be impregnated to the point of saturation in 1 layer.
- Do not overcharge the substrate – remove all excess before it dries.
- Protected drying: 24 hours.
- Maximum effectiveness achieved after 3 days.

## APPLICATION TOOLS

- Apply using a low pressure sprayer.



## COVERAGE

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

**5 to 8 m<sup>2</sup> / 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

- **Always carry out a test first to ensure the finished result is acceptable.**
- Surfaces should not be treated until they have first been cleaned of all atmospheric pollution and all stains.
- For ideal application and effective protection, **ImperGuard® SR** 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.
- Do not apply to low-porous, organic, metallic or waterproof materials.
- In case of roofs in slate, apply **ProtectGuard® MG**.
- 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 THE 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](http://www.guardindustry.com)**

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