

GUARD HARDENER®



SURFACE HARDENER AND CONSOLIDATOR

- CONSOLIDATES AND CRYSTALLISES MATERIALS**
- TREATS MOISTURE**
- CAN BE COVERED**

- USE ON WET OR DRY SUBSTRATES**
- WALLS, FACADES AND FLOORS**
- INTERIOR AND EXTERIOR**

DESCRIPTION

Guard Hardener® is a treatment product that hardens and consolidates friable substrates or substrates damaged by water infiltration and humidity.

Guard Hardener® hardens all types of porous stones, bricks, concrete and cement mortars. Very high density Guard Hardener® uses water as a vehicle to mineralize, harden and crystallize the support.

Guard Hardener® also has an anti-dusting effect.

USE

Guard Hardener® can be used indoors and outdoors on facades, walls, floors, basements, etc. and on all supports such as: cement, concrete, natural stones, bricks, render, etc.

CHEMICAL NATURE

- Mixture of sodium silicate in an aqueous

ADVANTAGES AND CHARACTERISTICS

- Hardens and consolidates materials.
- “Anti-dusting” effect.
- Can be covered.
- Colorless.
- Colourless.
- Water-based product, solvent-free.

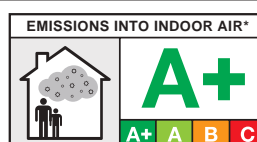
CONTAINERS

5 litres.

COVERAGE

The following values are for guidance only:

2 to 5 m² / litre



TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Uncoloured
Odour	: None
pH	: 12 ± 0.5
Boiling point [°C]	: 100 °C
Density	: 1.25 ± 0.01
Solubility in water [vol/vol]	: Total
Flash point [°C]	: Not applicable
VOCs	: < 1 g/l*

HOW TO USE

- Remove traces of saltpetre or efflorescence on the surface.
- **Dilute the product halfway** (1 volume of **Guard Hardener®** to volume of water).
- Spray on 2 coats of product with an interval of at least 1 hour between them, until the product ceases to soak in.
- Do not overload the support, remove the excess before drying (risk of whitish deposits and/or shiny appearance).
- Optimal efficiency obtained after 2 to 15 days of drying.
- To protect the support against water and stains, complete the treatment with the application of the protective product **ProtectGuard® HD**. This processing will take place after a period of 10 days minimum.

Important note:

If there is thickly clustered white powder (sodium) on the surface, simply brush it off with a gentle scrubbing brush (Mexican dandy brush) 5 to 8 days after application. Before any painting or rendering work, wait 1 to 2 months for the excess of this powder to come away and check adhesion by performing a test.

APPLICATION TOOLS

- Apply using a low pressure sprayer.



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 do a test first to ensure good penetration of the product and to check appearance after drying.**
- For ideal application and effective results, the product must be used 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 plaster, organic, metallic or impermeable materials.
- Product is alkaline. Handle preferably with gloves and goggles. Protect painted surfaces, glass, tiles and light alloys (aluminium, chrome, copper, zinc, etc). Accidental splashes should be rinsed off immediately with water.
- Do not dilute or mix with another product.
- In the case of visible stone, do not leave any product on the surface, to avoid any white crystallisation on the surface.

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 rubber gloves resistant to chemical products.
- **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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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

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