



OPACIFYING MINERAL STAIN PROTECTS AND EMBELLISHED CONCRETE

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| <ul style="list-style-type: none"> <input checked="" type="checkbox"/> COLOR IMPREGNATION SYSTEM WITH 100% OPACITY <input checked="" type="checkbox"/> HOMOGENIZES AND DECORATES <input checked="" type="checkbox"/> MINERAL AND NATURAL AESTHETIC APPEARANCE | <ul style="list-style-type: none"> <input checked="" type="checkbox"/> REINFORCED WATER REPELLENT PROTECTION <input checked="" type="checkbox"/> UV-RESISTANT AND ALLOWS THE SUPPORT TO BREATHE <input checked="" type="checkbox"/> INTERIOR AND EXTERIOR |
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PRODUCT DESCRIPTION

Opacifying pigmented mineral stain

ImperGuard® Color Mineral Stain is a single-component stain that does not require the application of a uniforming primer to obtain an opaque mineral impregnation to color exterior or interior concrete facades. This stain gives a new aesthetic dimension to the works. It tints, embellishes or evens out the appearance of concrete while preserving its skin and minerality.

ImperGuard® Color Mineral Stain is a non-film-forming product which perfectly respects the natural mineral aspect of concrete. In addition, the backing remains permeable to air and water vapor.

Water-repellent stain

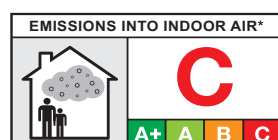
ImperGuard® Color Mineral Stain has a water-repellent property. It provides lasting protection against the penetration of water and thus limits the harmful effects of humidity: infiltration, acid rain, erosion, freeze / thaw cycle, formation of mosses and lichens, appearance of efflorescence or saltpetre...

USE

ImperGuard® Color Mineral Stain can be used vertically outdoors and indoors on all types of porous or slightly porous concrete: common, reinforced, fiber-reinforced, high performance (UHPC), architectural, stamped, smooth, prefabricated concrete, etc. The stain can also be applied to architectural desaturated concrete while keeping the aggregates visible.

ADVANTAGES AND CHARACTERISTICS

- Gives color while retaining the minerality of the support and without forming a film on the surface: lets the support breathe.
- Optimal adhesion: no risk of chipping or detachment.
- Limits water from entering and limits the harmful effects of humidity: infiltration, acid rain, erosion, freeze / thaw cycle, formation of mosses and lichens, appearance of efflorescence or saltpetre...
- 25 year color guarantee, UV resistant.



AVAILABLE COLOURS

ImperGuard® Color Mineral Stain is available in 42 standard colors. It is also possible to realize all types of colors on request from any existing color chart.

ENVIRONMENT

Ecological and respects the environment:

- Water-based product.
- No petroleum-based solvents. & silicone-free.
- Safe and non-toxic.
- Biodegradable > 80%* .
- VOCs < 25 g/l*.

CHEMICAL NATURE

Aqueous-phase acrylic emulsion with mineral pigments.

CONTAINERS

5 and 25 liters bucket.

TECHNICAL DATA

Physical state at 20 °C	: Liquid
Appearance	: Coloured
Odour	: Slight
pH	: 8.5 ± 0.5
Boiling point [°C]	: 100 °C
Density	: 1 to 1,3 depending on the colour
Solubility in water [vol/vol]	: Total
Flash point [°C]	: Not applicable

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. To renew 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 container well before use. Use an electric stirrer if necessary to thoroughly disperse the pigments through the product.
- Always test first.
- Protected drying: 24 hours.
- Optimum effectiveness obtained after 7 days.

Application by HVLP :

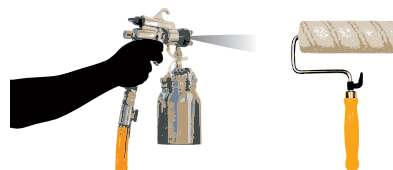
- Apply from the bottom up in at least 2 cross coats. Do not exceed the recommended final consumption of 120 to 160 g/m².
- Do not overload.
- Drying time between each coat: 15 to 60 minutes depending on weather conditions. The 1st coat must be dry to the touch before applying the 2nd coat.

Application roller (only used for non-textured smooth surfaces):

- Apply from the bottom up in at least 2 cross coats. Do not exceed the recommended final consumption of 120 to 160 g/m².
- Do not overload.
- Drying time between each coat: 15 to 60 minutes depending on weather conditions. The 1st coat must be dry to the touch before applying the 2nd coat.

APPLICATION TOOLS

For a perfect application, we recommend using an HVLP sprayer. Application with a short nap roller is also possible.



COVERAGE

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

120 to 160g / m² or 6 to 8 m² / L.

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: 12 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, mperGuard® Color Mineral Stain 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 : Under normal conditions of use where adequate ventilation is available, no special respiratory protection equipment is needed.
- Hand protection : Wear latex gloves.
- Skin protection : Wear protective clothing with long sleeves.
- 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.

PROFESSIONAL PRODUCT

TECHNICAL SUPPORT

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For the most recent version of our data sheet, visit our website www.guardindustry.com

Last updated : 16/02/2023