

MARISEAL® 800 PLUS

Siloxane / Silane
Water and Oil Repellent
Nanotechnology-based

TECHNICAL DATA SHEET
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Product Description

MARISEAL® 800 PLUS is a transparent, deep penetrating, non-staining, non-yellowing, non-film-making, siloxane/silane nanotechnology-based water repellent, used on facades and walls. It will prevent water penetration and protect surface from ultraviolet degradation, airborne dirt, smog, industrial fumes, acid rain, chloride ions and will stabilize the surface.

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Product Information

- Water-based, one component, ground & air moisture cured, siloxane / silane nanotechnology-based water repellent

Packaging

- 1/5/20 kg metal pails

Color

- Transparent

Shelf Life

- 18 months from date of production

Storage Conditions

- Pails should be stored in dry and cool rooms. Protect the material against moisture and direct sunlight. Storage temperature: 5°-35°C. Products should remain in their original, unopened containers, bearing the manufacturers name, product designation, batch number and application precaution labels.

Advantages

- Simple application (roller or brush)
- Gives the surface a constant hydrophobic effect, without changing the colour or the appearance of the surface
- Gives the surface an oleophobic effect, preventing smog, dirt and graffiti adhere to the surface
- Deep penetrating
- Helps stop the intrusion of water and waterborne chloride ion migration through concrete and masonry materials so reduces surface corrosion
- Allows the surface to breathe
- Excellent alkaline resistance
- Resistant to bacteria and fungus

■ Uses

- Natural Stones
- Marble
- Decorative Bricks
- Coloured Concrete

MARISEAL® 800 PLUS is used as a graffiti repellent, as paint is not absorbed into the treated surface

■ Consumption

- 0,300 kg/m² in one layer (flood coat)
This coverage is based on practical application by roller onto a smooth absorbent surface in optimum conditions. Factors like surface porosity, temperature, humidity, application method and finish required can alter consumption.

■ Certifications



Technical Data*

PROPERTY	RESULTS	TEST METHOD
Resistance to Water Pressure	No Leak (1m water column, 24h)	DIN 1928, Test A
Tack Free Time	1-2 hours	Conditions: 20°C, 50% RH
Light Pedestrian Traffic Time	12 hours	Conditions: 20°C, 50% RH
Final Curing time	14 days	Conditions: 20°C, 50% RH



EPD verified

■ Application

Surface Preparation

Careful surface preparation is essential for optimum finish and durability.

The surface needs to be clean, dry and sound, free of any contamination, which may harmfully affect the adhesion of the sealer. Maximum moisture content should not exceed 5%. Dirt, fats, oils, organic substances and dust need to be removed by mechanical grinding. Any loose surface pieces and dust need to be thoroughly removed.

WARNING: Do not wash surface with water!

Sealing

For best results, the temperature during application and cure should be between 5°C and 35°C. Low temperature retards cure while high temperature speeds up curing. High humidity may affect the final finish.

Apply by using roller or airless spray gun. Apply a flood coat to ensure the deep penetrating and the full saturation, which is needed for effective water repellence. Fully saturate all mortar joints.

If necessary for better results apply another layer before the first layer has dried (wet-in-wet application).

RECOMMENDATION: For floor surfaces, we don't recommend application of MARISEAL® 800 PLUS.

ATTENTION: The full effect of MARISEAL® 800 PLUS is achieved after 14 days from application!

■ Safety measures

See information supplied by the manufacturer. Please study the Safety Data Sheet. **PROFESSIONAL USE ONLY**

Our technical advice for use, whether verbal or written, is given in good faith and reflect the current level of knowledge and experience with our products. When using our products, a detailed object-related and qualified inspection is required in each individual case in order to determine whether the product and /or application technology in question meets the specific requirements and purposes. We may guarantee only that our products are compliant with their technical specification; correct application of our products therefore falls entirely within your scope of liability and Users are responsible, in any case, for complying with local legislation and for obtaining any required approvals or authorizations, when necessary, either for their purchase and/or for their use. Values in this technical data sheet are given as examples and may not be regarded as specifications. For product specifications contact our technical department. The new edition of the technical data sheet supersedes the previous technical information and renders it invalid. It is therefore necessary that you always have to hand the current code of practice.
* All values represent typical values and are not part of the product specification.

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