

MARISEAL® 800

Siloxane / Silane Water Repellent

TECHNICAL DATA SHEET
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Product Description

MARISEAL® 800 is a transparent, deep penetrating, non-staining, non-yellowing, non-film-making, siloxane/silane water repellent, on façades 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

- Ground & air moisture-cured siloxane / silane, solvent-based water repellent

Packaging

- 1lt/5lt/13lt/20lt 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 / brush / spray)
- Gives the surface a constant hydrophobic effect, without changing the colour or the appearance of the surface
- Deep penetrating
- Helps stop the intrusion of water and waterborne chloride ion migration through concrete and masonry materials, reducing surface corrosion
- Allows the surface to breathe
- Excellent alkaline resistance
- Resistant to bacteria and fungus

■ **Uses**

- Natural Stones
- Marble
- Decorative Bricks
- Coloured Concrete
- Roof tiles

■ **Consumption**

- 0,200-0,300 kg/m² in one or two layers (flood coats)

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**



EN1504-2: Surface protection for concrete (consumption 0.2kg/m²)

| PROPERTY | PERFORMANCE |
|--|--|
| Depth of penetration | Class I: < 10mm |
| Water absorption and resistance to alkali | Absorption ration: < 7.5%, Absorption ration (after resistance to alkali): <10% |
| Drying Rate | Class I: > 30% |



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: 25°C, 50% RH |
| Final Curing time | 7 days | Conditions: 25°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 1-2 hours after the first application.

■ Safety measures

MARISEAL® 800 contains solvents. 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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