



Surface Protection WATERBLOCK M22

Technical Data Sheet

Reviewed: 30.07.2018



DESCRIPTION

WATER BLOCK M22 is clear silane water and oil repellent designed to protect a variety of surfaces without altering their natural appearance. It is ideal for marble and granite surfaces as well as natural and artificial stones, tile joints and porous ceramic tiles (cotto), decorative bricks etc. It exhibits excellent penetration ability and allows surface breathing. Provides excellent protection against nature's destructive forces, staining from oils and household dirt. Provides a long lasting, breathable barrier which exhibits superior resistance to water, oils, stains, moisture intrusion, airborne dust, salt, acid rain, alkali, frost and high temperatures.

ADVANTAGES

- Excellent water & oil repellence
- Long lasting protection
- Excellent penetration
- Vapour permeable – allows surface breathing
- Does not alter the natural appearance of the surface applied
- Resistance to temperature variations
- Easy to apply – ready to use material
- Immediate effectiveness
- Interior and exterior use

APPLICATIONS

- Waterproofing and protection from staining, and frequent use of unpolished marble and granite surfaces. It is most suitable for interior and exterior horizontal surfaces. For colored marble we suggest a compatibility test.
- Waterproofing and long lasting protection from staining of natural and artificial stone surfaces. It is most suitable for horizontal surfaces such as verandas, garden stone patios etc.
- Waterproofing and long lasting protection from staining of tile joints and porous ceramic tiles (terracotta)
- Waterproofing and protection of decorative bricks
- Waterproofing concrete building surfaces
- Surfaces treated with **WATER BLOCK M22** can be easily cleaned from spots and stains with clean water.

INSTRUCTIONS FOR USE

Substrate preparation

1. Surfaces must be dry and clean from dust, unstable material, oil and rust.
2. New marble and granite surfaces must be cleaned with wet sponge prior to application.
3. Old unpolished stained marbles must be cleaned with marble cleaner CL 22 OXY CLEAN prior to application.
4. Old stained stone surfaces must be cleaned with CL 17 OXY CLEAN prior to application. Pressure clean wide stone surfaces if needed to remove dirt and use CL 17 OXY CLEAN for stagnant stains.
5. Tile joints

New tile joints: allow 7 – 10 days after grouting before applying WATER BLOCK M22. Clean new joints with wet sponge and allow drying out completely.

Old tile joints: remove old stains and dirt with CL 17 OXY CLEAN. Wash thoroughly with water and allow drying out completely. Hairline grout cracks may be waterproofed with WATER BLOCK M22. Fill bigger cracks with CERAFIX & GROUT.

6. Surfaces must be completely dry prior to application.
7. Painted surfaces that might be affected from solvents such as sealants, bitumen materials, polystyrene, must be protected prior to application.

Application

1. Stir material thoroughly before and during application.
2. WATER BLOCK M22 can be applied with a brush, roller or spray gun (for vertical surfaces). Special attention must be given for even application.
3. When applied on very porous substrates a second coat is recommended. The second coat must be applied wet on wet.
4. Windows, doors, plants etc must be carefully covered prior to application.

WATER BLOCK M22 when dry is not harmful for humans and the environment.

CLEANING

Surplus material during application may be removed with a cloth or sponge. Clean tools and equipment immediately after use with white spirit.

REMARKS

A compatibility test is recommended in an inconspicuous spot prior to full scale application of **WATER BLOCK M22** especially for granites and marble due to the wide range of types and quality provided in the market.

COVERAGE

5 - 10m²/Lt depending on the porosity and nature of the substrate

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TECHNICAL CHARACTERISTICS

Form: Liquid

Colour: Transparent

Odour: Typical of solvent

Specific gravity: 0,830 - 0,860 gr/ml 25°C

Viscosity: 20-30 sec FORD CUP 4 25°C

Flash point: >37-40 °C

Water soluble: No

Flammability: Flammable

Application temperature: +5°C έως +35°C.

VOC (Volatile organic Compounds) CONTENT: (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/h(SB): "binding primers-designed to stabilize loose substrate particles or impart hydrophobic properties"): 750 gr/lit (2010). This product contains maximum 748 gr/lit VOCs (ready for use product).

STORAGE

In a cool and dry place at temperatures between +5°C - +25°C, away from sources of ignition, flame and direct sunlight. Protect from frost.

SHELF LIFE

At least 12 months in unopened containers. Products should remain in their original unopened containers, bearing the manufacturers batch number.

PACKAGING

Tins 750 ml, 3Lt

PACKAGING	CODE	BARCODE
750ml	5049	5204094050490
3Lt	5050	5204094050506

HEALTH AND SAFETY INFORMATION



Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways
Flam. Liq. 3: H226 - Flammable liquid and vapour
P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P280: Wear protective gloves/protective clothing/eye protection/face protection
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor
P370+P378: In case of fire: Use ABC powder extinguisher to extinguish.
P403+P235: Store in a well-ventilated place. Keep cool
P501: Dispose of contents/container according to the separated collection system used in your municipality. Substances that contribute to the classification: Distillates (petroleum), hydrotreated light (CAS: 64742-47-8); Ethylbenzene (CAS: 100-41-4)

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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