



# Surface Protection

## WATER BLOCK M33 AQUA

### Technical Data Sheet

Reviewed: 18.10.2024

#### DESCRIPTION

**WATER BLOCK M33 AQUA** is a new micro technology waterbased clear silane water repellent designed to protect a variety of surfaces without altering their natural appearance. It is suitable for natural and artificial stones, tile joints and porous ceramic tiles (cotto), decorative bricks, ceramic roof tiles and porous building surfaces. It exhibits excellent penetration ability and allows surface breathing. Provides excellent protection against nature's destructive forces and staining. It forms a long lasting, breathable barrier which exhibits superior resistance to water, stains, moisture intrusion, airborne dust, salt, acid rain, alkali, frost and high temperatures.

#### ADVANTAGES

- New waterbased micro technology
- Excellent waterproofing properties
- 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 long lasting protection from staining of natural and artificial stone surfaces. It is suitable for vertical surfaces such as stone facades as well as horizontal 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 and protection from cracking due to moisture intrusion and frost of ceramic roof tiles
- Waterproofing and protection of white unpolished marble surfaces and colored with compatibility test
- Waterproofing concrete building surfaces
- Waterproofing porous building surfaces such as stucco and plaster
- Priming building surfaces before coating with silane paints
- It is suitable for interior and exterior horizontal and vertical surfaces.
- Surfaces treated with **WATER BLOCK M33 AQUA** 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 surfaces must be cleaned with wet sponge prior to application.
3. Old stained stone surfaces must be cleaned with **CL17 OXY CLEAN** prior to application. Pressure clean wide stone surfaces if needed to remove dirt and use **CL17 OXY CLEAN** for stagnant stains.
4. Marble stained surfaces must be cleaned with **CL22 OXY CLEAN**.
5. **Tile joints**

**New tile joints:** Allow 7 – 10 days after grouting before applying **WATER BLOCK M33 AQUA**. Clean new joints with wet sponge and allow drying out completely.

**Old tile joints:** remove old stains and dirt with **CL17 OXY CLEAN**. Wash thoroughly with water and allow drying out completely. Hairline grout cracks may be waterproofed with **WATER BLOCK M33 AQUA**. Fill bigger cracks with **CERAFIX AND GROUT**.

6. Surfaces must be completely dry prior to application.

#### Application

1. Stir material thoroughly before and during application.
2. **WATER BLOCK M33 AQUA** 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.

#### CLEANING

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

#### REMARKS

Due to the wide variety of substrates and environmental conditions, a compatibility test is recommended in an inconspicuous spot prior to full-scale application. Products efficiency is better on sloped surfaces without stagnant water.

#### COVERAGE

8 - 15m<sup>2</sup>/Lt per coat, depending on the porosity and nature of the substrate

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## TECHNICAL CHARACTERISTICS

**Form:** Liquid

**Color:** Transparent

**Odor:** Odorless

**Specific gravity:** 0,990 - 1,050 gr/ml 25°C

**Viscosity:** 20-30 sec FORD CUP 4 25 °C

**Water soluble:** Yes

**Flammability:** Not flammable

**Application temperature:** +5°C to +35°C.

**VOC (Volatile Organic Compounds) CONTENT:** (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category A/c(WB): "Exterior walls of mineral substrate"): 40 gr/lit (2010). This product contains maximum 25 gr/lit VOCs (ready for use product).

## STORAGE

In a cool and dry place at temperatures between +5°C - +30°C, away from sources of ignition, flame and direct sunlight. Protect from frost.

## SHELF LIFE

At least 36 months in unopened containers. Products should remain in their original unopened containers, bearing the manufacturers batch number.

## PACKAGING

Plastic containers: 1Lt, 5Lt, 20Lt

PACKAGING	CODE	BARCODE
1Lt	5262	5204094052623
5Lt	5263	5204094052630
20Lt	5264	5204094052647

## HEALTH AND SAFETY INFORMATION

Consult recent Safety Data Sheet before application.

EUH208: Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

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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