

# ULTRASTONE Aqua



## TECHNICAL DATA SHEET

### Description of the product

**ULTRASTONE AQUA** is a water – based, odorless, impregnating protective stone sealer. It is based on a special mixture of silanes - siloxanes. It protects absorbent - porous surfaces from moisture and adds water repellency, water resistance, penetration and excellent resistance to oils. It is **easily applied** in one coat, **does not form film** and therefore **does not yellow** and **does not alter the appearance** of the painted surface

### Recommended uses

It is used for the protection and decoration of interior and exterior stone surfaces and on various natural and artificial construction materials (such as stones, marbles, lime stones, bricks, ceramics, cement, joints, decorative cement-based finishing screed etc).

### Technical characteristics

**Binder:** silan – siloxane

**Density:** 1.00±0.03 gr/ml

(EN ISO 2811.01, 20°C)

**Production Viscosity:** 45±10 sec

(DIN 53211/2 mm, 20°C)

**Storage Viscosity:** 50±15 sec

(DIN 53211/2 mm, 20°C)

**Solids b.w.:** 5±2.5%

(EN ISO 3251)

**Solids b.v.:** 4±3%

(ISO 3233)

**pH:** 8.5±0.5

(ISO 976)

**VOC (Volatile Organic Compounds):** **ULTRASTONE AQUA** belongs to the category A/i WB (One pack performance coatings) EU Limit Value: 140 g/l. The ready to use product contains max. 5 g/l.

### Shades

Clear.

### Properties

**Water permeability (W<sub>24</sub>):** <0,1 Kg/m<sup>2</sup>.h<sup>0.5</sup>

(ΕΛΟΤ EN 1062.03)

**Resistance to water:** No visible defaults

(ΕΛΟΤ EN ISO 2812.04)

**Degree of penetration (Chalk test):** 21-25mm

(in-house test)

### Spreading rate

**Spreading rate:** 10±2 m<sup>2</sup>/Lt, depending on surface porosity.

### Application instructions

Before the application the surface is thoroughly cleaned from dust, oils, grease, old varnish, loose paint etc. Thinning is not required.

**ULTRASTONE AQUA** is applied in one coat leaving enough quantity so that it can be easily spread. Apply crosswise and leave it to be absorbed. If needed, on very absorbent surfaces, a second coat may be applied right after first coat and while it is still wet. is a

**Application method:** Brush, roller, spray.

**Thinning:** No thinning is necessary.

Tools are cleaned immediately after the application with soap and water.

### Drying time

**Dry to touch:** 15±5 minutes

**Recoating time:** if necessary right after the absorption of the first hand.

Drying and recoating time may be prolonged under conditions of low temperature and high relative humidity and vary depending on surface porosity.

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### Packaging

Available in 0.75 Lt and 2.5 Lt cans.

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### Storage

1 year at least, provided the cans remain closed and in normal storing conditions.

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### Health and safety

Please refer to the labeling mentioned on the can. In case more information is needed refer to the Material Safety Data Sheet.

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### Notes

- **ULTRASTONE AQUA** is water repellent while leaving the surface to breathe.
- The greatest penetration of the product is obtained when surface contains as low moisture as possible.
- For greater protection of surfaces exposed to adverse weather conditions it is recommended to apply an additional coat immediately after the absorption of the first one.

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This issue replaces all previous ones*

