

CERADUR® NATURAL STONE

Ceramic coating specially developed for use as a protective coating for natural stone



Product description

Ceradur® Natural Stone is a ceramic coating based on patented polysilazane technology. These unique ceramic coatings are also called glass coating or liquid glass, because the coating has comparable properties to glass.

Ceradur® Natural Stone is resistant to strong chemicals and gives long-lasting protection.

Ceradur® Natural Stone forms an ultrathin (0,1 – 8 µm) transparent layer that protect natural stone against pollution, stains and damage.

The method of application of Ceradur® products has significant effect on the durability and quality of the coating. When in doubt or if you have any questions, always contact with your MAVRO International advisor.

Use

Ceradur® Natural Stone is suitable for all non-porous and light-porous natural stone surfaces such as marble, basalt, granite and slate. Examples are kitchen counters and table tops.

Characteristics

- Protects against the penetration of water and salts.
- Great hydrophobic and oleophobic properties
- Suitable for a range of surfaces
- Protects the surface from atmospheric contamination and domestic contamination.
- Improves the natural look of the surface.

Technical data

Odour:	Butyl acetate and ammonia
Colour:	Transparent
Specific weight:	0,94 kg/L
pH:	~ 10
Contains:	Polysilazane
Flashpoint:	~ 5 °C
Boiling point:	124-127°C
VOC content:	Classification 1/sg-max 500/l, this product contains 430 g/l VOC

Dust-free:	approx. 1 hour
Dry:	approx. 6 - 8 hours
Fully cured:	approx. 7 days (chemically resistant)

Application conditions

Ambient temperature:	maximum 30°C, minimum 10°C
Substrate temperature:	maximum 30°C, minimum 10°C
Relative humidity:	max. 85% and 3°C above dew point

Instructions

1. Thoroughly clean the substrate with Uniclean or Uniclean Low Foaming and rinse with water.
2. Degrease and dry the substrate with Isopropanol.
3. Apply Ceradur® Natural Stone with a power sponge, microfiber cloth or HLPV spray (nozzle: 0.8-1.2 mm, 2-3 bar). Apply the product with a maximum layer thickness of 0.1 – 8 µm (approx. 10-14 ml per m2). Exceeding the recommended layer thickness may cause the coating to have insufficient adhesion and affect the durability of the coating.
4. Ceradur® Natural Stone can be applied in an industrial setting using an automated spray installation. Set-up of the installation must ensure that the proper layer thickness is applied. Contact our technical department for support.

Packaging

100 mL, 500 mL and 1 L

Consumption

Consumption is 60-70 m2/L

Practical information

- Do not process near open flames or in direct sunlight
- Do not dilute or mix with other products
- Tools can be cleaned with Butylacetate
- A strong ammonia odour is released during the curing of Ceradur® coatings. This smell will go away after 30 minutes.
- Packaging can be under pressure, open the package carefully.

Storage

Can be kept for at least 12 months in original unopened packaging. Store in a cool, frost-free place. Opened packages have a limited shelf life.

Health and safety

Harmful if swallowed. Causes severe burns and eye damage. Highly flammable liquid and vapor. May cause drowsiness or dizziness. Avoid inhalation, skin and eye contact, wear suitable gloves, respirator, protective clothing and safety goggles. If in doubt, always consult the safety data sheet or our R&D department.



**Technical support**

Mavro is ISO 9001 certified: your guarantee of quality, in terms of products and advice. Our technical consultants and R&D department are always at your service. We are happy to look at your problem or wish with you. Help you with our products or find a solution if it does not yet exist. Call, e-mail or drop by.

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Edition: January 2022

All previous editions become invalid upon this publication

Product code: 58007