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# Mineral Water Repellant

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Product information  
Art. 606.0 - 606.3

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- **GENERAL**

Water repellant with slight hardening effect for all plasters, stones, bricks and paints in the interior and exterior.

Sometimes water repellancy (hydrophobation) of paints and plasters in the exterior is necessary.

Unfortunately there is no natural hydrophobing agent available. The modified silicon compounds in KREIDEZEIT Water Repellant are produced from silicic acid without any addition of organic compounds. Thus they rank as pure mineral.

For the very special usage as a water repellant in the exterior, the modified silicon compounds are a non-toxic and easy-to-use alternative to the common silicones, silanes and siloxanes.

### What does "Hydrophobation" mean ?

Hydrophobation is the technical term for non-film-forming and colourless impregnations which stop or reduce the capillary water absorption while keeping the diffusibility of the surface.

These are big advantages compared to thick layer-forming elastic paints.

- **PROPERTIES**

- good penetration properties
- slightly hardening
- transparent and non-yellowing
- acidic (pH 4,3)
- density = 1,0 g / ccm
- strong water- and oil-repellancy
- no influence on diffusibility
- free from solvents
- not inflammable
- easy to apply
- can be diluted with water in any ratio
- adheres also on many emulsion paints

- **INGREDIENTS**

Water, modified silicon compounds

- **TRIAL COATINGS**

**Trial coatings to be made by the applicer before any larger application to prove the suitability/ compatibility with the surface !!!**

- **PREPARATIONS**

The surface must be absorbent, clean, and dry or slightly humid

- **Cover all surfaces that aren't being treated thoroughly**, especially glass, tiles, metal, wood
- Remove old glue-bound distemper coatings and other chalking or non-coatable coatings.
- dedust surfaces and brush sanding surfaces thoroughly
- Treat fungi-affected mineral surfaces with a 5% Soda-solution (Soda, Art. 993)

- **DILUTION**

Mineral Water Repellant can be diluted with water. The effectiveness will decrease in proportion.

- **USAGE / VERARBEITUNG**

Application and drying temperatures: between 5 and 30 °C.

Application by brush or airless spraygun until the surface is soaked regularly. Do not roll ! To avoid tracks caused by liquid running down, apply the liquid „**from bottom to top**“. To avoid white spots, make sure that all applied liquid is absorbed by the surface completely.

- **IMPORTANT NOTES**

- (1) **Mineral Water Repellant must be applied evenly, thoroughly, „wet-in-wet“ and in one go.** Later repainting is not possible for the dried surface will repel the following coating.
- (2) **Mineral Water Repellant is not suitable as a transparent protection coating to achieve „washable walls“.** , Scouring will destroy the protection immediately.



- (3) On smooth surfaces Mineral Water Repellant will be much more effective than on rougher surfaces.

• **YIELD**

0,1 - 0,2 l / m<sup>2</sup>

Higher consumption on rough and strong absorbent surfaces. Accurate consumption values to be determined on site.

• **REMOVING THE WATER REPELLANT / RENOVATION**

Hydrophobated surfaces can not be overpainted.

Spray water all over the surface before renovation. Remove the hydrophobation from all non-absorbent areas by sanding, brushing with water or with a high-pressure water spray gun.

• **DURABILITY OF THE WATER REPELLANT**

Actually there are no long-time experiences with this new product. Thus KREIDEZEIT will give no guarantee for the durability of this coating.

In general only mechanical influences will impair the coating.

Against UV-Light Mineral Water Repellant is completely resistant.

In the interior and without mechanical influences (scouring, scratching) the surface should keep it's function for several years.

In the exterior, especially on the weather affected sides the durability will be reduced by mechanical influences such as hail.

• **CLEANING OF TOOLS**

Do not let tools dry which are contaminated with Mineral Water Repellant. Wash them immediately after use with water and detergent or soap. During breaks store the tools in water.

• **PACKAGE SIZES**

Art. 606.0 250 ml

Art. 606.2 1 L

Art. 606.3 5 L

Please refer to the valid price list for product prices.

• **STORAGE**

Mineral Water Repellant can be kept at least 12 months if stored airtight and above + 10 degrees centigrade. Do not store in zinc- or aluminium-containers.

• **DISPOSAL OF RESIDUES**

Do not dispose of residues into the sewage system. Keep product leftovers sealed airtight and use up later. Adhere to legal regulations for disposal of resin- and paint remainders. Dispose empty containers through resource collection points.

• **HAZARD CLASSIFICATION**

Not applicable, non-hazardous product

• **HINWEISE / SICHERHEITSHINWEISE**

Wear protective glasses/gloves. In case of contact with eyes, wash under running water. If symptoms persist see a doctor.

Protect all other surfaces from splashes. Remove splashes immediately with water. Splashes may result in irremovable stains. Consider possible allergies to natural substances.

**Keep out of reach of children!**

*The above information has been compiled in accordance with the best of our experience and knowledge. Owing to the application methods and environmental influences, as well as the various surface properties, no liabilities or legalities pertaining to the individual recommendations can be entertained. Prior to application, the suitability of the product is to be tested (trial coat). The validity of the text ceases with revisions or product modifications.*

*You will find the latest product information at >> [www.kreidezeit.de](http://www.kreidezeit.de) <<*

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