

AQUAPROTECT STONE

Properties:

AQUAPROTECT STONE is a watery, solvent-containing hydrophobic agent based on a mixture of alkoxy silane and siloxane in cream form.

AQUAPROTECT STONE is a high-quality special product for the hydrophobic impregnation of mineral substrates.

AQUAPROTECT STONE is especially recommended for the hydrophobing impregnation and priming of mineral substrates such as brick, sandlime brick and sandstone. The natural mineral appearance of the façade remains.

Technical data:

Substance data:

| | | |
|---------------------------|--------------------------------|-----------------------|
| Consistency | pasty | |
| Colour | yellowish | |
| Odour | like petrol | |
| Spec. density (23°C) | approx. 0.84 g/cm ³ | DIN EN ISO 2811-1 |
| Active ingredient content | approx. 50-60 % | |
| Solubility in water | hydrolyses | |
| Processing temperature | 5 - 30°C | substrate temperature |

Penetration depth and reduction of the water absorption:*

| | | |
|--------------------------|-------|--|
| Sandlime brick | | |
| Penetration depth | 3 mm | |
| Red. of water absorption | 93 % | |
| Brick | | |
| Penetration depth | 17 mm | |
| Red. of water absorption | 95 % | |
| Ettring tuff | | |
| Penetration depth | 3 mm | |
| Red. of water absorption | 91 % | |
| Burgpreppach sandstone | | |
| Penetration depth | 6 mm | |
| Red. of water absorption | 91 % | |
| Sandner sandstone | | |
| Penetration depth | 5 mm | |
| Red. of water absorption | 85 % | |
| Mortar disk | | |
| Penetration depth | 4 mm | |
| Red. of water absorption | 90 % | |

* The values were determined using 200 g/m² of *AQUAPROTECT STONE*.

Processing:

AQUAPROTECT STONE is applied mainly in the airless procedure in the desired layer thickness.

Consumption 100 - 200 g/m²

For smaller surfaces the application can be carried out by means of a brush, lambskin roller or spatula.

**Safety information:**

AQUAPROTECT STONE contains alkoxysilanes, siloxanes and solvents and is not classified as hazardous according to Regulation (EC) 1272/2008 (CLP). Even in the case of not classified products, the standard precautionary measures applicable for chemical products should be observed.

It is therefore necessary, before beginning processing, to become familiar with the precautions and safety advice as indicated in the material safety data sheet.

Packaging:

9 kg PE round bucket
25 kg PE hobbock
180 kg PE barrel

Bigger packaging on request.

Storage:

Shelf life at least 6 month in original packaging when stored in dry conditions between 15-25°C, protected from heat, frost and direct sunlight.

After the expiration the use of the product is generally not recommended, unless an approval has been provided by TPH. This approval can only be obtained by the quality assurance department of TPH releasing the material after verification of main properties being within specification.

Disposal:

Small quantities of cured product residues can be disposed of as normal domestic waste. Dispose of not cured product components must be effected in accordance with the corresponding local regulations. For further information please refer to the material safety data sheets.

Legal notice:

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

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