

AQUASIL RS 8

MOISTURE-PROOF PRODUCT BASED ON NANOTECHNOLOGY AND OLIGOMER SILOXANES IN AN AQUEOUS EMULSION

APPLICATION

Aquasil RS 8 is used to decrease moisture infiltration in brickwork and natural stone without modifying the water vapor permeability. By reducing moisture absorption the materials are not as easily soiled and damage by acid rain is also limited. **Aquasil RS 8** is applied on brick, stone, etc.... on the basis that these materials are sufficiently porous. The product is not suited to be applied on non-porous surfaces like blue stone, marble, glazed stone... **Aquasil RS 8** is also not suited to be applied onto surfaces covered with organic paints. **Aquasil RS 8** is a water based product and therefore causes no smell which possibly might arise when using solvent based products. **Aquasil RS 8** cannot be applied on former surfaces treated with hydrophobic products, in suchlike situations we recommend using CB Stonegel.

PRODUCT DESCRIPTION

Aquasil RS 8 is composed of oligomer siloxanes in an aqueous emulsion. **Aquasil RS 8** has 8% of active ingredients. The product has a high penetration capacity and a good resistance to alkali and UV rays and can be applied on a slightly damp substrate. AQUASIL RS 8 polymerises with functional groups of the base to a non-adhering polysiloxane.

CHARACTERISTICS

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| Form | : liquid, milky white, transparent after drying |
| Content of active ingredient | : 8% modified oligomer siloxanes |
| Specific weight | : +/- 1 |
| Flash point | : none |
| Colour | : milky white |
| Initial effectiveness on brick | : 100%, Class A product |
| Effectiveness on brick after accelerated ageing | : 100%, Class A product |
| Reduction in water vapour permeability | : 0-1 %, Class A product |

INSTRUCTIONS

PREPARATION

When applying AQUASIL RS 8 the substrate must be clear, sound and sufficiently dry. We would like to remind you that it is advisable to clean old dirty substrates before treatment. After cleaning the substrate it must be very well rinsed until the substrate is completely free of dust. Bad joints, cracks or cavities in the stone must be repaired first. It is important however to wait 15 days before impregnating fresh pointing. Powdery materials first must be treated with a stone hardener in order to rebuild the mineral structure. After treatment with a stone hardener, it is necessary to wait at

least 3 weeks before using AQUASIL RS 8. Depending on the pore structure of the materials to be treated, quantities used range between 0,25 ltr and 1 ltr and over for one square meter. To obtain an accurate estimate, a preliminary test is advised, followed after 8 days by a measuring of the water absorption by means of a Karsten pipe in order to gauge the effectiveness of the treatment.

WORK METHOD

The treatment happens by preference by spraying and not by irrigating the base. The application should start at the bottom going upwards in horizontal zigzag movements. Two subsequent applications must be carried out when the product is still wet

WARNING

Special precautions must be taken in the treatment of outer walls featuring at some areas non porous or slightly porous materials such as blue stone, marble, enamel coated brick, ... In order to remove stripes and patches these surfaces must be immediately cleaned after application with a cloth soaked in water before being left to dry. The same precautions are to be taken for windows and glass that are best protected prior to the treatment in a careful and efficient manner .In doubt a preliminary test is advised in order to detect possible incompatibilities and to make sure that the treated surface is visually acceptable. In case of efflorescence salts, the treatment with AQUASIL RS 8 is not advised.

The ideal application temperature is between 5°C and 30°C. Not to be processed in case of temperatures below 5°C and surfaces warmer as 30°C.

QUANTITY TO USE

Between 0,25 ltr to over 1 ltr per square meter depending on the porosity. For an accurate estimate absorption tests with the Karsten pipe will be conducted

TRANSPORT AND STORAGE

Transport and store away from frost. Protect the product and its packaging against direct sunlight. Avoid storage at temperatures >30°C

PACKAGING

25 ltr, 200 ltr, 1000 ltr

STORAGE LIFE

6 months after manufacturing in the original closed packaging.

CONSIDERATION - EPILOGUE

The information in this technical sheet is based on extensive research and experience. However, the information is provided without any guarantee - directly implied - as to its correctness. The conditions or methods of handling, storage, use of the product are beyond our control and may also be beyond our knowledge. For these and other reasons, we accept no liability for damage or nuisance of any kind, caused by the use of the product in question. The indicated characteristics and properties are average values and analyses obtained at 20 °C, deviations are tolerated. The rewrite of this sheet replaces all previous sheets.