

Moisture-proof product based on oligomer siloxanes in an aqueous emulsion (10%)

Application

- To reduce the infiltration of moisture
- Can be applied to facades and bricks
- Only apply on porous, mineral materials

Properties

- Stops moisture infiltration.
- Protects against frost damage (very important for (post-)insulated facades.
- Does not reduce water vapour permeability, allowing the wall to continue to breathe.
- Reduces the rate of soiling of the material.
- Prevents greying (gypsification).
- Limits deterioration caused by acid rain.
- Protects against salts from sea water or de-icing salts dissolved in water.
- Increases the insulation value of the treated surface.
- Good resistance to alkalis.

Directions

Preparation

- The surface must be clean, sound and sufficiently dry.
- After cleaning, you will need to rinse the surface, until it is free of dust.
- Poor quality joints, cracks or cavities in the bricks must first be repaired.
 - o After repointing and repair fresh joints: wait at least 8 days before to impregnate.
- Pulverulent materials should first be treated with a stone hardener from our range (Artisil SVS 75 or Artisil SVS 100).
 - o After treatment with a stone hardener: wait at least 24 hours before applying **Redisil S**.

Work method

- The product is applied by flooding the base under low pressure in order to avoid misting the product. The use of a knapsack sprayer is recommended or an electrical pump designed for this which makes sure that the product flows over the surface under constant pressure.
- The treatment is carried out from the bottom to the top with horizontal back and forth movements, so that a flow of about 20 cm is achieved.
- Two treatments should be conducted wet-on-wet.

Important remarks

- Take special care when treating facades containing locally slightly or non-porous materials like bluestone, marble or enamelled brick. **Redisil S** polymerises on these surfaces and may stain them. To prevent this from happening, these surfaces need to be protected against penetration of the product by saturating them with white spirit in advance. In case any product does get on these surfaces, use a cloth soaked in white spirit to clean them before the product has dried.
- 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
- If in doubt, we recommend that you first test the product on a small area. This will enable you to detect any faults and observe changes in appearance that can be caused by this type of treatment.
- Treatment is not recommended if efflorescent salts are present.
- The ideal temperature for application is between 5°C and 30°C.

Technical characteristics

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|---|---------------------------------|
| Form | liquid, colourless |
| Content of active ingredient | 10% modified oligomer siloxanes |
| Specific weight | +/- 0,81 |
| Flash point | 39°C |
| VOC-content | >500 g/ltr |
| Effectiveness on brick after accelerated ageing | 100% (class A) |
| Effectiveness on natural stone after accelerated ageing | 100% (class A) |
| Decrease in drying after moisture proofing | class A |

Reports

- WTCB report – DE 622X837N: influence on view, efficiency, drying
- BUtgb – ATG 2012: technical approval with certification

Quantity to use

Between 0,25 ltr and 1 ltr per square metre, depending on porosity. In order to assess how much product will be required, conduct absorption tests using a Karsten tube.

Packaging

25 ltr, 200 ltr, 1000 ltr

Safety information – Transport – Handling and storage - Waste

Consult the most recent and product-related safety information sheet from Rewah in compliance with the (EU) 453/2010 annex II/A guidelines. The information on the abovementioned safety information sheet has been drawn up with the greatest care and is based on the knowledge available at the date of issue. We accept no liability for damage or hindrance of any kind which could be caused by the use of the product concerned.

Transport and storage

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

Storage life

1 year after manufacturing in the original closed packaging.

Considerations

The data included in this sheet, the application advices and other recommendations are based on extensive research and experience. They are however not binding also in relation to third party liability. They do not protect the customer against checking the products and directions for their suitability for the purpose. The characteristics and properties described are average values and analyses registered at 20°C, variances are tolerated. Our customer service will gladly answer your questions. The rewrite of this sheet replaces all previous sheets.