

Moisture-proof surface product water-carried and gelatinous, with a base of silane-siloxane mixture

Application

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

Properties

- Water-carried and ecologically sound.
- 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.
- Can be applied onto a slightly moist substrate.
- Can be applied onto a treated substrate.
- Is very fast rain resistant.

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 **Stonegel**.

Work method

- The treatment is done using a brush, a lambskin roller or an airless sprayer.
- The product is applied in a single layer, taking into account the required consumption.
- Due to its gel-like viscosity, the product is spreadable, in contrast to traditional liquid impregnating agents. Because of this, the porous surfaces of the facade can be treated easily and without any risk of the product touching non-porous surfaces.
- The total impregnation time of **Stonegel** can vary from a few hours to a few days, depending on the ambient temperature and the porosity of the surface. After impregnation, the surface may darken and may even show a slight sheen in exceptional cases. This darkening may last up to several weeks, depending on the temperature. This effect eventually disappears as the product fully cures.

Important remarks

- Take special care when treating facades containing locally slightly or non-porous materials like bluestone, marble or enamelled brick. **Stonegel** 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.
- When the product is applied on natural stone, it may cause the surface to become darker or discoloured in places. Since these are usually undesired effects, we do not recommend using this product on natural stone.
- 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.
- Never apply **Stonegel** in full sunlight, as the product may liquify too quickly. This will give the product insufficient time to penetrate and may cause it to run off the facade.
- The full moisture-proof properties are obtained within a period up to four months after treatment. In the initial phase in particular, **Stonegel** gives the treated surfaces a distinct “pearling” character.

Technical characteristics

Form	gel form, milky white, transparent after drying
Active substance content	25% (silanes and siloxanes)
Bulk density	+/- 1,0
Flash point	none
Effectiveness on brick before and after accelerated ageing	100% (class A)
Effectiveness on natural stone before and after accelerated ageing	44 – 100%, product class A, B or D depending on the type of natural stone (see WTCB report n° HD-340/133-140)
Decrease of water vapour permeability after moisture-proof action	<10%, product class A

Reports

- WTCB report – HD-340/133-140: influence on view, efficiency, drying

Quantity to use

Depending on porosity and substrate +/- 0,150 kg per square metre

Example:

- | | |
|--------------------------|----------------------------|
| - Concrete (silex) | +/- 0,10 kg/m ² |
| - Architectonic concrete | +/- 0,15 kg/m ² |
| - Brick | +/- 0,15 kg/m ² |

Packaging

25 kg

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

6 months 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.