

**Virtually odourless polyvalent injection product on the basis of a silicon prepolymer and an organometal**

#### **Application**

- Injection product against rising damp

#### **Properties**

- Ready to use.
- Solvent based, virtually odourless.
- Injected just above floor level. The product polymerizes in the capillaries and pores in order to form a watertight area preventing capillary rising damp.
- It contains various ingredients complementing:
  - o An organosiloxane that polymerizes to a polymer with a hydrophobic methyl group and that also adheres to the capillaries.
  - o An aluminium stearate that is an organic metal complex. In addition to its water-repellent quality this ingredient also diminishes the active tension and increases the penetrating capacity of the end product.
  - o A modified wax that intensifies the water-repellent action and increases the “open time” of the product enabling it to spread out further in the most difficult circumstances.
  - o An acrylic resin that forms a complex in combination with the wax partially blocking the salts that are present in the wall.
  - o A virtually odorless isoparaffin solvent that spreads the active materials.

#### **Directions**

##### **Preparation**

- Remove skirting boards and damp render.
- Drill at 10 up to 12 cm centres at a height of between 5 cm above the highest ground level, on either the inside or the outside surface of the wall.
- Drill holes under an inclined angle of 15° to 20°.
- The depth of the holes equals the thickness of the wall – 3 cm.
- Vertical boundary: drill holes along a vertical line up to a height of approximately 1,5 m between the humid walls to be treated and the dry walls that need no treatment.
- If the joint and/or bricks are in a poor condition, a thin layer of cement mortar should be applied in order to avoid leaks (Cemsec).
- If the brickwork shows hollow areas, an appropriate liquid cement (Pagel E1F) or a PU foam must be injected beforehand.
- Subsequently eliminate the drilling dust from the holes using a vacuum cleaner.

##### **Work method**

- The product will be injected under pressure with a specialized injection tool.
- The product can also be used following the transfusion method.
- Once the borehole has been filled, seal the boreholes with a cement mortar or a quick-setting cement (Redivit).

Important remarks

- SALTS: Before starting to work, check the wall to be treated for any undesirable salts such as nitrates, sulphates, chlorides, etc. Effective salt treatment can then be carried out following the rising damp treatment. Injecting the product to prevent rising damp stops the salts from travelling further, but will not prevent damage by any salts already present. Excessive sulphate and carbonate bloom can cause peeling of top coats. Hygroscopic salts such as chlorides and, especially, nitrates typically draw moisture from the air so that the surface of the masonry remains damp, even after rising damp is effectively treated. If salts are found, the walls can be given a radical treatment with our Membrasec or with our Membrascreen
- The moisture barrier is achieved after complete polymerization of the product. The total drying out of the wall can take 6 to 12 or more months. The drying time depends on the nature and thickness of the wall and its original moisture content.
- The system's life span is in practice unlimited. The techniques for the treatment of masonry against rising damp have been the subject of research and the Technical Notice n° 252 conducted by the WTCB (Scientific and Technical Center for the Construction Industry). Our technique is considered as the most flexible and polyvalent system. The technique is virtually not destructive and enables to treat almost all kinds of masonry. The application is fast and simple. The result is effective and final.
- Do not apply when the temperature is less than 5°C. This refers to the ambient temperature as for the surface temperature on which the product will be applied.
- Although the thinner which is used in **Indusil MS 3000 ISO** is free of aromatics , please take into account that certain persons may still be sensitive to possible smell and allergies. It is still necessary to ventilate after application the rooms in which the product has been applied. Only if one cannot assure that the rooms can be well ventilated or if someone may occur having an allergy against solvents , we advise injecting with products free of solvent such as for example Rewagel Inject 3A+ or Secaugel Inject 2.

Technical characteristics

Nature	liquid
Content of dry ingredients	+/- 10%
Flash point	> 40°C
Viscosity	< 100 cps
Specific weight	+/- 0,79

Reports

- |                          |              |                      |
|--------------------------|--------------|----------------------|
| - Report WTCB 622X946-10 | 40% moisture | class A <sup>+</sup> |
|                          | 60% moisture | class A <sup>+</sup> |
|                          | 80% moisture | class A <sup>+</sup> |

Quantity to use

+/- 1,5 ltr/running meter/10 cm thickness of the wall

Examples

Wall 10 cm	1500 cc x 1,0 =	1500: 8 =	190 cc/drilled hole
Wall 30 cm	1500 cc x 3,0 =	4500: 8 =	570 cc/drilled hole
Wall 50 cm	1500 cc x 5,0 =	7500: 8 =	940 cc/drilled hole
Wall 14 cm	1500 cc x 1,4 =	2100: 8 =	270 cc/drilled hole
Wall 33 cm	1500 cc x 3,3 =	4950: 8 =	620 cc/drilled hole
Wall 47 cm	1500 cc x 4,7 =	7050: 8 =	890 cc/drilled hole

**Packaging**

25 ltr, 200 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.