

# Izolit 5 - HIDROFOB

Capillary dampness intercepting agent



Izolit 5 - HIDROFOB is a one-component product, a liquid for the interception of capillary dampness in walls. It is a silicone emulsion for injection into walls that forms, in contact with air, a water-repelling layer in the wall, for which reason it is necessary to leave the holes open after injection for at least 5 days. This agent does not belong to a group of waterproofing agents, but to a group of hydrophobic agents that resist the capillary pressure of water.

## PURPOSE

It is used to intercept the capillary dampness in walls made of bricks, concrete and natural stone.

## FEATURES

- One-component product
  - Resistant to the capillary dampness pressure
- |                            |                                |
|----------------------------|--------------------------------|
| Visual description         | Transparent, colourless liquid |
| Density, g/cm <sup>3</sup> | Approx. 1.02                   |
| pH (20°C)                  | 13                             |
| Solvent                    | Water                          |
| Chemical base              | Silicone - siloxane emulsion   |

## EFFECT

It penetrates into porous building material, forms a hydrophobic barrier that prevents the penetration of capillary dampness.

## USE

**SURFACE** Plaster should be stripped off up to the height of approx. 20 cm above the highest point of dampness. At approx. 20 cm above the ground level, holes are drilled at 10-15 cm spacing, in two rows, in a 'zig-zag' pattern, at an angle of approx. 40 degrees.

The holes are drilled from the inside and/or the outside (for thicker walls from both sides). Once drilled, the holes should be cleaned of dust with a vacuum cleaner.

**PREPARATION** The product is ready to use. The liquid should be shaken immediately before use.

**INSTALLATION** Clean, dedusted holes are filled with Izolit 5 - HIDROFOB in the quantity that could be absorbed by the wall. It is not advised to make intervals longer than approx. 15 minutes between two injections.

The holes should be left open for at least 10 days, to allow for an adequate reaction of the material. After that, the holes should be closed with plaster prepared with an admixture for water-impermeability (Izolit I or Izolit BETONPLAST) or with water-proofing material Izolit DERSAL. The wall is then repaired by first flush jointing, then pointing with the same material used to fill the holes in the wall. After flush jointing, water-proofing material shall be applied (Izolit PENETRAT).

The desired surface and ambient temperature is 10-25°C.

## SHELF LIFE

12 months in original, undamaged packaging.

## CONSUMPTION

5 - 10 kg per 1 m<sup>2</sup> of injected holes. This is an average consumption rate, and it varies depending on the type and condition of building material injected with Izolit 5 - HIDROFOB.

## STORAGE

In a dry room, when kept in original, closed packaging, at 5-25°C. Freezing shall be prevented.

## PACKAGING

PVC or PE bottles and canisters with 5, 10 and 25 kg of liquid.

## SAFETY AT WORK

Use rubber gloves and protective goggles. In case of contact with eyes or mucosa, rinse with plenty of water and seek medical advice if needed.



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## NOTES

- Do not make long breaks between two injections.
- Observe occupational safety measures.
- Protect freshly injected material against freezing and rain for at least 3 days.
- Due to continuous products development and monitoring global trends in the field of materials in modern buildings, DRAMIN also reserves the right to change data sheet, so current, valid data sheet should be used.
- Our warranty obligation is limited to the quality of delivered materials.
- For any further information please contact us.

## INSTALLATION PICTURES



Dramin d.o.o. shall bear no liability for any problems, consequences or damage caused by applying what is shown in the photographs or for any printing errors in the document.

## We hold the water ...



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