



Izolit 4

Water penetration blocking agent

Izolit 4 is a fast cement binding agent that ensures the blockage of water penetration and the interception of wall dampness in a short period of time.

PURPOSE

It is used to block the penetration of water, to seal water-filled cracks and joints, to intercept dampness in walls, and to allow for the application of waterproofing coatings.

FEATURES

- Liquid one-component product
- Inorganic product
- Easy application
- Material obtained by mixing with cement is water-impermeable

Colour	Yellow-red
Density, g/cm ³	Approx. 1.35
pH (20°C)	Approx. 13
Chlorides	Not present

EFFECT

Extreme acceleration of the cement hydration and the hardening of the material mix. The hardened material is water-impermeable.

USE

PREPARATION Depending on application, it is mixed with cement in different ways and in different ratios.

In case of penetration of water through a hole or crack in the wall, it is mixed with cement in ratio 1:1 - 1:1.5. In case of wall dampness, it is applied with a brush on the wall, and then covered with cement.

INSTALLATION The water penetration spot should be prepared, hollowed out and widened, if not big enough to receive the prepared mix. The prepared chase should be 2-4 cm wide and 2-3 cm deep, in order to detect the penetrating water artery - vein. The prepared chase should be cleaned of any loose parts of basic material. Izolit 4 liquid should be shaken before use, poured into a vessel, adding fresh cement of the highest possible grade in the weight ratio 1:1 (1.5) and mixing it by hand (rubber gloves shall be used, since the material is highly alkaline. After mixing for approximately 30 - 50 sec, when a great amount of released heat is felt by touch, the mix should be formed into a ball and quickly pressed directly into the water penetration source, which takes no more than 4 seconds. The mix should be kept pressed for about 20 seconds.

To stop wall dampness in order to create a proper surface for the application of waterproofing materials, it is first necessary to collect water from damp spots with a sponge. Izolit 4 liquid is applied with a brush to a surface not larger than 1-3 m² (because of the speed of setting in contact with cement) and then fresh cement of the highest possible grade is rubbed into the surface by hand, where the use of rubber gloves is obligatory.

The desired surface and ambient temperature is 5°C or above.

After completed closure of water penetration spots and damp stopping, it is advised to do waterproofing, depending on intended purpose (Izolit PENETRAT, Izolit FLEX ADVANCE, Izolit POLYCOAT M ADVANCE, Izolit FOLIFLEX), or plastering with the use of water-proofing admixtures (Izolit I - isoPlast, Izolit BETONPLAST).

CONSUMPTION

It depends on the size and number of water penetrations (1 kg for 2-3 penetrations), and approximately 0.3 kg is required per 1 sq.m. to stop wall dampness.

SHELF LIFE

Unlimited in original and hermetically sealed packaging.

STORAGE

In a dry and closed room at 5-25°C.

PACKAGING

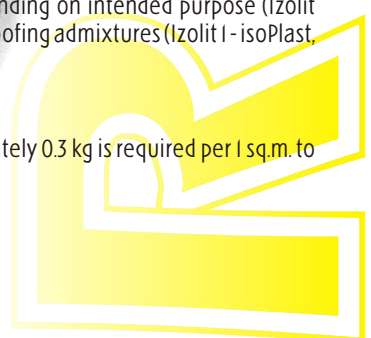
PE bottles and canisters with 1, 3, 5, 10 and 30 kg of liquid.

SAFETY AT WORK

The liquid is highly alkaline, and calls for special precautionary measures. Use rubber gloves and protective goggles. In case of contact with eyes, rinse with plenty of water for at least 15 minutes and seek medical advice.



DRAMIN





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NOTES

- Prepare the amount of mix that can be used up immediately, because of extremely fast setting.
- Use cement of the highest possible grade.
- Minimum surface and ambient temperature for application is 5°C.
- Observe occupational safety measures.
- 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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