

Izolit POLYCOAT ELASTIC

Two-component elastic waterproofing coating

Izolit POLYCOAT ELASTIC is a two-component elastic waterproofing coat of the latest generation for waterproofing concrete surfaces, plasters, cement screeds, etc.

PURPOSE

It is used to waterproof concrete surfaces or surfaces made of cement mortar or clay products, in outdoor and indoor applications. The main applications are for waterproofing balconies and flat roof terraces, sanitary rooms, basement rooms, pools - reservoirs, facade elements, and wherever an elastic and high-quality waterproofing system is needed because of the working of concrete elements.

FEATURES

- Two-component product
- Main characteristics: water impermeable and elastic coat
- High adhesion to concrete, plaster and clay products
- It makes concrete and plaster water-impermeable at water pressure of up to 4 bar
- Resistant to temperature changes
- Durable
- Contains no chlorides

Colour of the liquid component	White
Colour of the powder component	Gray
Density of the liquid, g/cm ³	Approx. 1.01
pH (of the liquid) (20°C)	Approx. 8
Specific weight of the powder, g/cm ³	Approx. 1.05
Specific weight of the prepared mix, g/cm ³	Approx. 1.34
Water impermeability	Two coats water-impermeable at 4 atm

EFFECT

The mixed components, after application and setting, create a composite, elastic film on the surface. Due to its high elasticity, the coat withstands the working of the structure extremely well, and the coat does not crack.

USE

SURFACE The surface needs to be clean, solid, and degreased, free from cement slurry and loose swollen areas, slightly wet, but not soaked or full of puddles.

PREPARATION The liquid component is stirred before use. The liquid and the powder are mixed together in weight ratio 1:1.5 until a fully homogeneous mix is obtained, of consistency suitable for using a brush. The mix should be stirred with a mixing drill at a low rate (300-400 RPM). Before applying the material, check if there are undissolved or unmixed clots and, if needed, keep mixing for a longer time.

INSTALLATION The coat should be applied with a brush in two perpendicular layers. The second layer should be applied when the first one becomes suitable for foot traffic (4-6 h). The second layer should be maintained, if needed, by slight wetting - spraying in the form or mist from sprayers, but only when it sets completely and/or in case of high ambient temperature. The workability time is about 15-40 minutes, depending on temperature. The desired surface and ambient temperature is 10 - 25°C. The minimum temperature for application is 8°C. If a concrete screed is of poor quality and very porous, it is advised to apply Izolit VEZA beforehand, in order to stabilize the surface before applying Izolit POLYCOAT ELASTIC waterproofing system. When applying this product to surfaces in bad condition, as well as at wall-floor joints and around gullies, it is recommended to reinforce the coat with Trevira fabric (weight 30 gr/m²). In this case, the fabric is placed over and pressed into the first coat. Once the coat becomes dry, the second coat is applied.

Tools shall be cleaned with water immediately after use.

CONSUMPTION

2.5-3.5 kg/m² for two coats. When reinforcing the coat with Trevira fabric, the consumption is 3-3.5 kg/m².

SHELF LIFE

At least 6 months in original and hermetically sealed packaging.

STORAGE

In a dry room and in original, closed packaging, at 5-25°C. Avoid freezing of the liquid component, and avoid a longer contact of the powder component with the air.

PACKAGING

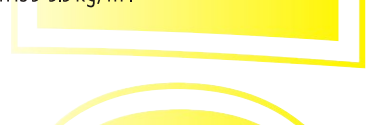
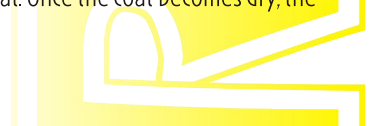
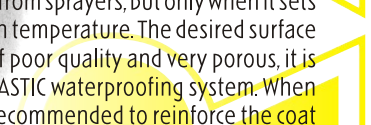
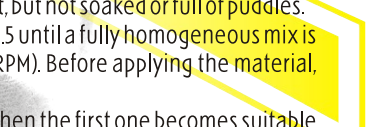
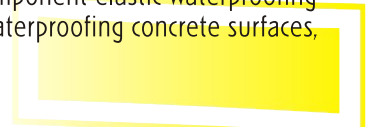
Powder - kraft paper bags (4.5, 7.5, 15 and 25 kg).

Liquid - PVC or PE bottles and canisters (3, 5, 10 and 25 kg).

Set - PE buckets (7.5 kg).



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SAFETY AT WORK

No special safety-at-work measures are required.

Use protective gloves and protective mask against dust. Do not inhale the powder. In case of contact with eyes or mucosa, rinse with plenty of water and seek medical advice, if needed.

NOTES

- If the wall will be plastered after the applied Izolit POLYCOAT ELASTIC system, we recommend the application of Izolit VEZA product for better adhesion between the plaster and the waterproofing layer - Izolit POLYCOAT ELASTIC
- Freshly applied material should be protected against freezing and rain for at least 24 hours after placement.
- If there are holes, cracks, etc. on the surface, it is necessary to repair them in a suitable way: cracks should be repaired with the two-component polymer putty Izolit KIT FIBER or with the permanently elastic one-component putty Izolit KIT ULTRA.
- 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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