

# Izolit PENETRAT

Waterproofing penetrative coating



Many years of training and testing resulted in the unique formula for producing Izolit PENETRAT. Thanks to its unique and universal features Izolit PENETRAT has established itself among other products for waterproofing and represents the pure Serbian brand.

Numerous awards, medals and references confirm its quality. Healthy certified, environmentally friendly product.

Izolit PENETRAT is one component, inorganic, universal and penetrative waterproofing coating, which consists of special cement based mix, appropriate fillers and additives for waterproofing and penetration.

## PURPOSE

It is used for external and internal waterproofing of concrete, cement plaster, stone, brick and concrete blocks, in residential and industrial buildings, for waterproofing of drinking water tanks, swimming pools, etc..

## FEATURES

- Inorganic based product
- A single component product in gray powder
- Simple installation by brush in thin layers
- Application on the fresh and old concrete and mortar surfaces
- Waterproofs concrete and mortar to 7 atm water pressure
- Penetrates in the surface up to 10 cm
- Vapour permeable
- Allows overplastering
- Chemically inert to the environment, safety, an ecological product
- Does not contain chlorides
- Certificate confirms its quality and health safety.

## EFFECT

Thanks to its additives, it penetrates the surface and prevents the penetration of water or moisture.

## USE

The surface must be clean, firm and free of grease, free from laitance or weakly bounded bumps, well moistened, soaked, but without puddles.

**PREPARATION** Izolit PENETRAT powder is mixed with water in the approximate ratio 3:1 (powder: water) to paste density, using a mixer on 300 - 400 rpm for 5 min. The resultant mixture set for about 10 minutes, after which it thickens. Then, as a condensed mass, it is stirred again and set for about 5 - 10 min. Eventually the paste is ready for installation. Viscosity of the paste must be such that the paste does not drip from brush.

**INSTALLATION** Application of the paste is done by brush in three layers, normal to each other, with intervals of 8 hours to 1 day between layers. The layers are cured by slight wetting / sprinkling, spraying in form of mist from the appropriate sprayer. The third layer is cured the same way for minimum of 3 days. The preferred temperature range of the surface and the environment is from 5 to 25°C.

## Note to installation of Izolit PENETRAT

1. Requires good surface preparation

2. It is necessary to wetting the surface and layers with sprayers:

- The surface is wetted several times before applying a Izolit PENETRAT, using sprayers with the smaller drops (in the form of fog) to the maximum width of jet without a interflow of water. Also, each of the coatings in the period of his maturity is cured the same way - if coatings goes to "white", it is proof that there was "overdrying"
- All three coatings are wetting three more days after installation

## CONSUMPTION

Approximately 2.5 to 3 kg/m<sup>2</sup> for the 3 layers of coating.

## SHELF LIFE

12 months.

## STORAGE

On a cool, dry place in original, sealed packaging.

## PACKAGING

Kraft bags of 5 and 25 kg, PE cans of 5 and 10 kg.

## SAFETY AT WORK

Use rubber gloves and a dust mask for practical reasons. Rinse with water if it comes into contact with eyes, and contact your doctor if it is necessary.



# DRAMIN

**NOTES**

- Izolit PENETRAT is not recommended as a final layer of mechanically stressed surfaces. We recommend overplastering with all types of mortar (walls) and installation of cement screed, polymer coatings and floors (flooring). Protect freshly installed material from frost and rain. Filling holes, joints and cracks on the surface is carried out with a masses for leveling and / or repairing masses based on cement. We recommend Izolit DERSAL, a material that is fully compatible to material Izolit PENETRAT

- 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**



**REFERENCES**



House of the National Assembly - Belgrade



YUBC - New Belgrade



METRO - Zemun



YUGOIMPORT SDPR - New Belgrade

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We hold the water ...

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