

UNOBLACK PLUS

Description

Single-component bitumen-free waterproofing paste, non-toxic, based on elastomers, additives, and selected quartzes in water dispersion, without bitumen.

Easy to apply, UNOBLACK PLUS allows the formation of continuous waterproof membranes, without joints subject to the risk of separation and infiltration, even on surfaces with irregular geometry.

Combined with the use of the specific ARMOFLUX PE 50 armature, in compliance with suitable climatic conditions for correct application, UNOBLACK PLUS implements waterproofing systems with absolutely reliable performance.

Once dried UNOBLACK PLUS forms a barrier that is perfectly impermeable to water.

Recommended use

Highly adhering particularly to cement-based substrates, UNOBLACK PLUS is specifically designed for waterproofing surfaces intended to be paved with ceramic tiles or natural stones (bathrooms, showers, kitchens, terraces, etc.).

The absence of bituminous components avoids the risk of oily outcrops capable of staining the joints of the tiles.

The product is also suitable for the waterproofing treatment of cement surfaces in general.

Specifications

Product type

Mono component, ready to use

Appearance

Dense pasta

Color

Black

Specific weight

1.35 ± 0.05 kg / l (EN 2811-1)

Dry leftover

70 % +/- 2

Consistency

Tixotropico

Water impermeability

≥ 500 KPa (EN 14891)

Cold flexibility of the dried film

-20 °C (EN 1109)

Flammability

The product is not flammable

Application temperature

Avoid extreme heat / cold weather conditions.

Min. +5 °C (minimum floor temperature)

Max +35 °C

Drying (at 23 ° C and UR 65%) (*)

- Superficial (to the touch): 60-120 minutes
- In depth: 3-4 days
- Coverage with the same product: 24 hours
- Tiling: 4 days

(*) the times indicated may vary according to the different temperature / humidity conditions

Storability in stock

12 months in original packaging closed and kept in dry environments, away from heat sources and protected from direct sunlight, with temperatures between +5 °C and + 35 °C. Once opened, the package must be used quickly.

Application procedure

UNOBLACK PLUS can be easily applied as it is, without dilution, by brush, roller, brush, spatula. Mix the product thoroughly before use.

Warnings for use and installation

In stock

UNOBLACK PLUS must be stored in a cool place, at a temperature of $\geq +5$ °C, and protected from direct sunlight. He is afraid of frost; once the product is frozen, it can no longer be used.

Weather conditions

In outdoor environments the product must not be applied in unfavorable weather conditions; for correct maturation, UNOBLACK PLUS must be applied in good weather, avoiding extreme heat / cold weather conditions.

In any case, avoid the use in view of nightfall that bring the temperature of the laying surface to below +5 °C. In summer it is preferable to lay the product in the less hot hours, avoiding work with ambient temperatures $> +35$ °C.

In the still wet state, which is prolonged by lower temperatures, the product can be washed away by rain or damaged by dew or frost. The application of UNOBLACK PLUS on very hot surfaces causes the rapid evaporation of the aqueous vehicle, causing an irregular filming.

Laying surfaces

They must be adequately smooth and planar equipped with the right slopes without areas of stagnation, dry, clean, free from dust, oils, greases, parts incoherent, friable, or detaching.

UNOBLACK PLUS can also be applied on slightly damp surfaces (with humidity less than 3 %), knowing however that laying on damp substrates leads to certain delays in drying time; very wet laying surfaces may lead to possible swelling / detachment of the coating in connection with the evaporation of excess moisture.

In the treatment of surfaces larger than 10 square meters, or on stressed substrates, UNOBLACK PLUS must be laid with reinforcement of the specific ARMOFLUX PE 50 reinforcement, drowning the reinforcement in a first coat of the still fresh waterproofing paste; the armor must be laid with a 10-12 cm overlap.

Specific attention

Once well dried, and laid with reinforcement of the ARMOFLUX PE 50 reinforcement, UNOBLACK PLUS lends itself to a prudent and occasional walkability before tiling.

General rules of application

Operational phases

- The surfaces must be adequately smooth and planar equipped with the right slopes without areas of stagnation, dry, clean, free from dust, oils, greases, parts incoherent, friable, or detaching.
- Correct any surface irregularities with the addition of special mortars, if necessary, and mow any protruding parts.
- Along the lines connecting horizontal / vertical surfaces apply a brush of Unoblack Plus with a brush and adhere to it an ARMOFLUX PE 50 armband, about 25 cm wide, folded at right angles so as to go up to the vertical part for about 15 cm; overcome the contiguous sheets of about 10 cm. Cover the reinforcement with a further pass of Unoblack Plus. These operations involve a consumption of about 300 - 400 g / m linear.
- Wait 3 - 4 hours, depending on the climatic conditions and in any case after the consolidation of the particular made, apply a brush of a brush, roller, brush, a trowel of Unoblack Plus both on the horizontal laying surface and on the vertical flaps and make the sheets adhere of armor non-woven fabric ARMOFLUX PE 50; overcome the contiguous sheets of about 10 cm. These operations involve a consumption of about 1.4 kg/m² on the current surfaces
- After 24 hours, apply a new coat of Unoblack Plus (about 1.0 kg/m²) using a brush, roller, scrubbing brush, spatula, taking care to cover the armor well, for a total consumption of about 3 kg/m² of product.
- Wait for the time of maturation in depth before a possible trampling.

Consumption and packaging

Consumption

- About 2,0 kg/m² in two passes without reinforcement
- About 2,4 kg/m² in two passes with reinforcement

Packaging

- Buckets of 5 - 10 - 20 kg

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