Baselastik

Cement-based flexible two-component waterproofing mortar

PRODUCT INTENDED FOR PROFESSIONAL USE - REVISION: 09/06/2025

Baselastik is a two-component flexible waterproofing mortar. Suitable for swimming pools, tubs, terraces and balconies. It is applied as a waterproofing base prior to fixing ceramic tiles and/or prior to microcement coatings.

Properties

Baselastik is a two-component flexible mortar, suitable as a waterproofing layer on the substrate before laying tiles or other hard coverings such as Ecobeton microcements.

- Two components, mixing Part A with Part B.
- Part A consist of high-strength cement, selected mineral charges and specific additives.
- Part B contains organic copolymers in liquid dispersion and specific additives.
- Suitable for indoor and outdoor wet and humid areas.
- Final waterproofing thickness 3 mm.
- Suitable on cement-based plaster, cement-lime mortar, cementitious screed, concrete, ceramic, plasterboard and marine wood.

Uses

- Waterproofing walls and floors in swimming pools, bathrooms, showers or other wet places before laying ceramic tiles and microcement coatings.
- Restoring old terraces' waterproofing layer without demolishing the existing floor surface.
- Enhancing concrete durability against aggression from salts, carbonatation, freeze-thaw cycles.
- Waterproofing and protection of water structures such as basins, tanks, swimming pools, concrete pipes, reservoirs and canals.

Application

Make sure that there is no rising damp in the substrate to be protected. In this case, Baselastik can only be applied after the cause has been eliminated and when the efflorescences has been removed.
Substrates must be structurally sound, clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments that may reduce the adhesion of the product.
Sandblasting, high-pressure washing (400 bar), wire- brushing, sanding on ceramic tiles, etc. are all suitable methods in order to prepare the substrate removing all possible caused that may harm **Baselastik** adhesion.
Repair concrete substrate, if necessary, with cementitious mortar such as Strutturale. Cracked concrete or gaps around pipes, light fittings and systems must be sealed with a specific epoxy resin.

Relative Humidity (RH) of the substrate should be verified prior the application of the product. On cementitious screed the RH should be maximum 6%.

SUBSTRATE PREPARATION:
Don't damp the substrate before application. Avoid standing water or condensation during application.
In case of joints, corners, contact points between different types of materials, it is better to reinforce **Baselastik** with an alkali resistant glass fiber mesh (100-120 g/m^2).

MIXING:
Mix Part A with Part B according to the indicated mixing ratios (25 kg powder - 10kg liquid latex) until mixture is homogeneous and lump-free. Use a mixer at low speed (approx. 500 rpm). The mixture obtained can be used immediately.

APPLICATION:
Apply the product with a smooth steel trowel. The first coat can be applied with a 3mm v-notched steel trowel. Press mortar well down onto substrate to ensure a perfect bond. In case of an high absorbent concrete substrate and/or with high temperatures, apply Evercrete Vetrofluid (one coat) to reduce the porosity and prevent the mortar from drying out and reducing the adhesion.
Always apply two coats of the product. The second coat at least 4-6 h after the first and never before the first coat has set.
Each coat should be maximun 2 mm thick. The final thickness of **Baselastik** should be 3 mm in order to ensure complete water resistance.
Baselastik must have completely hardened before being covered or allowed to come into contact with water.

Clean all tools and utensils with clean water immediately after use.

Comply with the following time intervals:

	20° C	10° C
Horizontal tiling	~ 3 days	~ 7 days
Vertical tiling	~ 3 days	~ 5 days
Immersion in water	~ 7 days	~ 14 days
Microcement	~ 1 day	~ 3 days

The time intervals may differ, depending on the degree of humidity and the substrate.

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Technical data

Color	Comp. A: grey powder Comp. B: white liquid
Weight density	~ 1,8 kg/liter
Mixing ratio	25 kg Part A (powder) 10 kg Part B (liquid)
Particle size	Dmax: 0,4 mm
Yield	1,5 kg / m^2 / mm
Final layer thickness	3 mm (2 coats)
Pot life (20°C - RH 50%)	~ 40 min
Liquid water permeability and capillary absorption	w = 0,05 kg * m^{-2} * $h^{0,5}$ (EN 1062-3)
Bond stregth	1,3 N/mm^2 (EN 1542)
Permeability to CO_2	S_D: 881 m - μ = 4,13*10^5 (EN 1062-6)
Permeability to water vapour	S_D: 1,26 m - μ = 693 (EN ISO 7783)
Crack bridging ability	1,63 mm - Class A4 (-10°C) (EN 1062-7) 2,55 mm - Class A5 (23°C)
Water pressure resistance - negative	1 bar -72 h (UNI 8298-8)
Storage	12 months when stored in dry place, protected from frost

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DOP n° 230620DOP-1504-2

EN 1504-2
Baselastik
Surface protection product - coating
ZA.1e - 1.3 - 2.2 - 8.2

EN 7783-1	Permeability to water vapour: Class I
EN 1062-6	Permeability to CO_2: S_D > 50 m
EN 1062-3	Capillary absorption and permeability to water: w ≤ 0,1 kg/m^2 x $h^{0,5}$
EN 1542	Adhesion strenght by pull off test: ≥0,8 MPa
EN 13501-1	Reaction to fire: A2 Dangerous substances: check MSDS

Declaration of Performance (DoP) available on the website www.ecobeton.com.

Recommendations

- Repair cracked or split cement-based screeds with epoxy resin
- Protect the layed product from the rain for at least 24/48 hours
- Avoid direct contact with chlorinated water
- In case of direct sunlight, strong wind or if rain is imminent, do not apply, and protect freshly applied product.
- In case of damp surface or poorly ventilated areas the product may take longer to harden. Ventilation systems is advised
- **Baselastik** does not form a vapour barrier
- Baselastik is not suitable for car traffic. Pedestrian walk is allowed, only if protected by tiles.
- Do not apply directly on bitumen or bituminous membranes

Do not use:

- On substrates subject to rising damp
- In layers more than 4 mm thick
- To hold counterthrusting water

Limitations

Baselastik has to be applied only when surface temperature is above 5°C. On external surfaces, do not apply when precipitation is expected within 24 hours following of application. Do not expose the material to frost.

Read the Material Safety Data Sheet available on internet www.ecobeton.com.

Note:
The information contained in this sheet is accurate to the best of our current knowledge. The products are guaranteed and have the highest quality and standard with regard to product tolerances. As it is impossible to carry out any controls on the application of the product, no express or implicit guarantee is provided as regards the final result and no responsibility is accepted directly or indirectly by the use of the products. Users are encouraged to carry out tests before application.

For more info please visit the website:
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