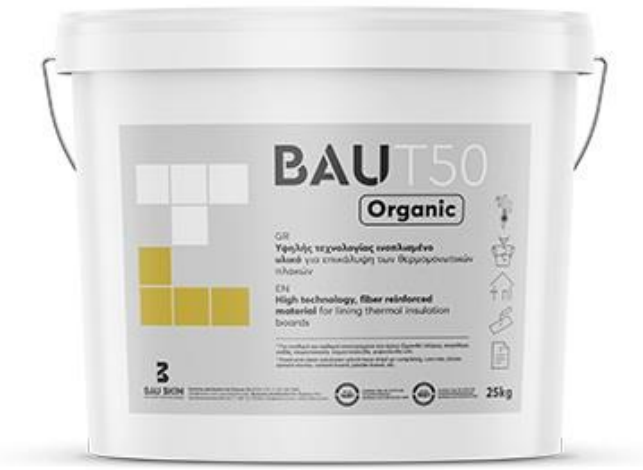
BAU T50 organic

Fiber reinforced, 100% acrylic, highly flexible, crack prevention reinforcement coating for thermal insulation boards and ETICS systems.

Description

Reinforced, 100% acrylic elastic anti-cracking reinforcement plaster, without cement, for coating thermal insulation boards of expanded and extruded polystyrene, mineral wool, etc. on building facades. BAU T50 organic is applied in combination with the special alkaline glass mesh and offers unsurpassed adhesion, high mechanical resistance to impact stress and guarantees sufficient levels of resistance for many decades. It is the ideal substrate for the final plaster layer in ETICS systems. It is highly elastic and resistant to moisture



Suitable substrates

Foam insulation materials, extruded-expanded polystyrene, mineral wool, polyurethane, cork, etc.
It can also be applied on cement mortar, plaster, concrete, gypsum boards, cement boards, aerated concrete, bricks, etc.

User Instructions

After at least 48 hours from fixing the thermal insulation boards, apply a uniform layer of BAU T50 organic on them using a notched trowel of maximum thickness 3–4 mm. Following the application and while the layer is still fresh, apply the glass mesh by pressing it with the smooth trowel end, so that it is fully encased within the plaster. The glass mesh joints must overlap by at least 10 cm. Finally, smooth the surface and remove the excess plaster.
It is not recommended to proceed with the installation during extreme sunlight (temperature greater than 35°C) or rainfall, or during periods when the temperature is expected to fall below 5°C

Packaging

Plastic cans of 25kg.

Consumption

As a reinforced plaster base app 1,5 Kg/m²/mm

Storage

In dry and sheltered areas, protected from moisture and direct sun exposure, for at least 12 months from the date of production and at the original packaging.

Technical Features

Form: Acrylic paste
Color: White
Application temperature: from +5 oC to +35 oC.
Water permeability: W3
Vapour permeability (μ)::: <20
Coefficient of thermal conductivity (λ): 0,7 W / (m K)
Adhension **Polystyrene boards: ≥0.15 N/mm2** **Concrete: ≥ 1,4 N/mm2** **Masonry ≥ 1,4 N/mm2** **After water immersion: ≥ 0,9 N/mm2** **Reaction to fire: Class B-s2,d2**

BAU SKIN
BUILDING TECHNOLOGIES

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Notes

Technical details, properties, recommendations and information on BAUSKIN products are supplied in good faith. They are based on the company's research and experience, provided that they are stored and applied under normal conditions. As the method of using materials as well as project and environment conditions are beyond the control of the company in each individual application setting, the product user is held solely responsible for the result of application. No responsibility under any legitimate relationship can be substantiated against the company, based on the information set out hereunder. Product users are advised to refer to the latest revision of the technical manuals available.

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