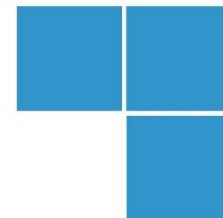


# BAU EP1

## Two-component, brushable epoxy coating.



### Description

Colored epoxy paint system without solvents. Offers high hardness and abrasion resistance. It is resistant to organic and inorganic acids, alkalis, petroleum products, certain solvents, waste and water.

Ideal for high installations requirements in mechanical strength, abrasion and water treatment areas.

### Features – Ideal for:

- Easy to apply
- High resistance to abrasion and high mechanical strength
- Moisture and water barrier (positive pressure)
- Excellent chemical behavior in the presence of acids, alkalis and ordinary chemicals

### Uses

BAU EP1 is mainly used as:

- A self-leveling coating- mortar substrates of concrete or mortar. In this case, indicated for use in medical facilities in places sanitary, industrial, chemical laboratories, water treatment areas with traffic cars parking etc
- As it is, like brush able epoxy coating on substrates of concrete, cement or metal

### Substrate Preparation

Ensure surfaces stable (maximum moisture content <5%). Remove loose, detached parts, dirt, grease, powders (rust from metal surfaces, etc.). The mortars and concretes on which the material is applied must be older than 28 days and not subject to negative hydrostatic pressure. Regarding the quality of the concrete substrate should have a minimum tensile strength of 1,5 N/mm<sup>2</sup>, a minimum compressive strength of 25 N / mm<sup>2</sup> and the laitance is removed by scraping, milling, or by some other mechanical process. If repairs are needed, they must be done using appropriate materials such as BAU RP, BAU RI, etc. Before applying BAU EP1 on metallic surfaces requires priming of substrates with BAU EP0

### Mixture preparation

The two components are presented in containers ready for mixing. Mix well all the quantity of component B into A using electric mixer at slow speed until the mixture is homogeneous (About 2 minutes). Priming of substrates with the BAU EP0 is suggested.



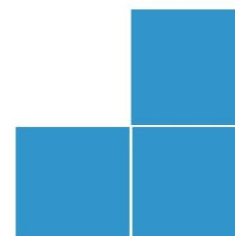
### Instructions

- Use the system BAU EP1 as a non-slip coating broadcast with sand. Apply the material firstly by roller across the surface. After some time (approx. 10 min at 23°C) broadcast with quartz sand grain size depending on how rough it is to be the final result. Then, after curing, remove the sand that is not stuck on the surface and apply another layer of material to fully cover of sand.
- Use the system BAU EP1 as brushable epoxy paint. The material is applied with a roller across the surface, within 24 hours of application of the primer. Generally, the temperature should range between 10°C and 30°C and the maximum relative humidity should not exceed 80%. Freshly applied material must be protected from moisture, condensation and water for at least 12 hours. During the winter months restore the product at room temperature with gentle heating. Immediately after use, clean application tools with water or dilute aqueous solution of ethyl alcohol 20%

### Consumption

300-500 gr/m<sup>2</sup>

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# BAU EP1

## Two-component, brushable epoxy coating.



### Technical features

#### Chemical base

Component A: resin  
Component B: hardener

#### Density:

1,32 kg/l

#### Color :

RAL 7032 / other colors available upon request.

#### Pot life:

2 hours at 12 °C

1 hours at 25 °C

#### Hardness (Shore D Scale, ASTM D 2240):

82

#### Adhesive strength:

> 3N/mm<sup>2</sup> (failure in concrete)

#### Abrasion resistance (ASTM D4060)

81 mg

#### Foot traffic:

36 hours at 12 °C

24 hours at 25 °C

### 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.

#### Exclusive distribution for Greece:

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#### Exclusive distribution for Cyprus:

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[www.altocy.com](http://www.altocy.com)

### Package

Cans of 20 kg (A + B)

### Remarks

The ready to use product BAU EP1 has a maximum content of organic compounds <500 gr / l, which agrees with the 2004/42/E.K Directive (Annex II, Table A) and ensures complete harmlessness after hardening.

### Product Specifications

The product complies with the requirements of EN 13813  
SR-B 2,0.-AR 0.5-IR 4

### Storage

In shady , preferably covered areas with low humidity for at least 12 months.

Frankfurt, Reg. No 312310 QM  
Qualitätsmanagementsystem  
Zertifiziert nach DIN EN ISO 9001



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