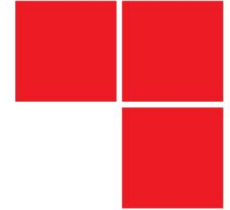


# BAU TF

## Quartz sand cement-based surface hardener for industrial floors.



### Description

BAU TF is a quartz sand cement-based surface hardener for high quality industrial concrete floors. Ideal for extremely demanding surfaces in abrasion resistance and in places where high requirements of mechanical strength are required. It is used in concrete and cementitious mortar substrates.

### Features – Ideal for:

- Highly resistant substance
- Minimizing surface dust
- Suitable for interior and exterior surfaces
- Creates a surface resistant to grease, oil, chemicals
- Easy to use
- Provides color options
- Smooth finish surface

### Application examples

The material can be applied on concrete and cementitious substrates, in areas posing high requirements in terms of mechanical resistance i.e.:

- Industrial floors
- Food plant flooring
- Increased heavy equipment traffic areas
- Loading and unloading bays
- Warehouses
- Parking facilities
- Walkways
- Ramps
- Shopping centers etc.

### Substrate Preparation

The material can be applied on a reinforced concrete slab or on levelling screed. Application substrates must be fresh.

### Instructions for use

Use the material as supplied, in dry state. Apply BAU TF by evenly spreading on the concrete or cement mortar surface by automatic spreader or manually, as soon as it starts to set. If necessary, wet the fresh concrete or cement mortar surface after sprinkling. Full integration and surface forming with the material shall be carried out using smoothing machine (power float). Application is not recommended under extreme solar radiance (temperature greater than 35°C) or rainfall, or in periods when temperature is expected to drop below zero. After use, remove material residues from tools using water while the product is still fresh or by other methods e.g. sanding or scraping of dry material.



### Remarks

- We recommend avoiding application of BAU TF when strong winds are present.
- Ambient relative humidity when the product is applied must vary between 30% to 98% (minimum and maximum values).

### Consumption

≈ 3 - 5 kg/m<sup>2</sup>

### Package

25 kg

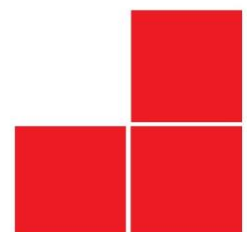
### Storage

Preferably in shady and roofed locations, low in moisture, for at least 12 months in the initial sealed package.

### Product Specifications

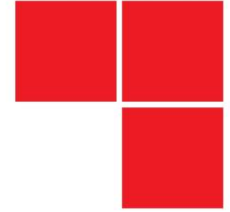
The product complies with the requirements of EN 13813 standard.

TDS\_BAU TF\_12.2022



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Quartz sand cement-based surface hardener for industrial floors.



## Technical features

<b>Form:</b> cementitious powder	
<b>Density:</b> ≈ 1,5 kg/l	
<b>Compression resistance:</b> ≈ 87 N/mm <sup>2</sup>	
<b>Bending resistance:</b> ≈ 7 N/mm <sup>2</sup>	
<b>Colour:</b> grey	
<b>Walk ability:</b>	
Temperature	Minimum time
+10 °C	after 17 hours
+30 °C	after 7 hours
<b>Material ready for final use:</b>	
Temperature	Time
+10 °C	after 10 days
+30 °C	after 5 days

## Exclusive distribution for Greece:

BAUFOX Ltd  
Email: [info@baufox.com](mailto:info@baufox.com)  
[www.baufox.com](http://www.baufox.com)

## Exclusive distribution for Cyprus:

ALTO CEMENTOCHEMICA K.A. Ltd  
Email: [info@altocy.com](mailto:info@altocy.com)  
[www.altocy.com](http://www.altocy.com)

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



## 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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