

Technical Datasheet

BAU TF

High strength surface hardener for industrial floors

Description

BAU TF is a ready-mix cement-based hardening agent with selected quartz aggregate, admixtures and pigments for high-quality industrial concrete floors. It is suitable for application on surfaces posing particular requirements with regard to mechanical strength and abrasion.

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 35o 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.

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Technical features

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

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/m²

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.

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2012
EN 13813
Cementitious screed material for use internally in buildings

Notes

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BAUFOX Ltd
Email: info@baufox.com
www.baufox.com