

HARDOX EXTRA

Quartz sand cement-based surface hardener for industrial floors.

Description

HARDOX EXTRA 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.

Advantages - Applications

- Industrial floors, food plant flooring
- Increased heavy equipment traffic areas, loading and unloading bays
- Ramps, warehouses, Parking facilities, Walkways Shopping centres etc.
- Suitable for interior and exterior surfaces
- Creates a surface resistant to grease, oil and chemicals
- Easy to use
- Provides colour options
- Smooth finish surface

Technical Specifications

Form: Cementitious powder

Density: ≈ 1.5 Kg/L

Colours: Terracotta, grey, ochre, light blue

Foot traffic: Approximately after 17 hours at +10 °C
Approximately after 7 hours at +30 °C

Ready for use: After 10 days at +10° C
After 5 days at +30°C

Compression strength: ≈ 87 N/mm²

Flexural strength: ≈ 7 N/mm²

Instructions for use

Use the material as supplied, in dry state. Apply HARDOX EXTRA 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, rainfall or when temperature is expected to drop below zero. Ambient humidity between +30 °C and +90 °C.

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.

Substrate preparation

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

Packaging

Heavy duty paper bags, 25 Kg

Storage

In sheltered areas, protected from moisture and sun exposure, for at least 12 months from the date of production and in the original sealed package.

Consumption

3-5 Kg/m²

Notes

Technical details, properties, recommendations and information on BAUER 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.

Other information

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