

ENTEGRE EPOFLOOR COAT TEXT 200

"Building Life"

Epoxy-Based, Two-Component,
Solvent-Free, Thixotropic Topcoat
Material



FLOOR SOLUTIONS

Areas of Use

- On concrete and cement-based mineral surfaces,
- In car parks, exhibition areas and shopping malls,
- In storage and assembly areas,
- On surfaces exposed to medium and heavy loads, such as production areas, workshops, aircraft hangars, automotive facilities and loading ramps,
- In laboratories, hospitals, industrial kitchens and wet-processing areas in the food, chemical and pharmaceutical industries,
- In control rooms, thermal power plants and hydroelectric power plants,
- Used as a coating material that provides a textured floor surface.

Properties

- Its high thixotropic properties provide a textured, slip-resistant surface.
- Provides high bond strength.
- Solvent-free.
- It has excellent penetration properties.
- Easy to apply.
- Suitable for the addition of fillers.

- Impermeable to liquids.
- Hygienic and easy to clean.
- Resistant to mechanical loads, abrasion and chemicals.

Application

Surface Preparation

Concrete substrates must be clean, dry and free from all foreign matter such as dirt, oil, grease, coatings and surface curing compounds. They must also be sound and have sufficient compressive strength (at least 25 N/mm²), with a tensile strength of at least 1.5 N/mm².

Concrete substrates must be prepared using abrasive equipment to remove cement laitance and obtain an open-textured surface. Weak concrete must be removed, and blowholes and voids must be completely filled. The cleaned surface must be prepared by a suitable mechanical abrasion method such as grinding, sandblasting or sanding to obtain a rough surface.

Dust generated after mechanical cleaning must be removed using industrial vacuum cleaners. Substrate repairs, filling of voids and surface levelling must be carried out with a mortar obtained by mixing 0.1–0.3 mm silica sand with EPOFLOOR PRIMEL 100 primer.

The surface must be primed before applying EPOFLOOR COAT TEXT 200. EPOFLOOR PRIMEL 100 must be used for priming. Ensure that the entire substrate is covered with primer.

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Application Conditions

The moisture content of the concrete must be below 4%.
Relative air humidity must not exceed 80%.

Care must be taken against dew and condensation.

Dew and water-vapour condensation on untreated or newly coated floors may damage the coating and cause blistering. To prevent this, the temperature of the surface and uncured floor must be at least 3°C above the dew point.

Surface Temperature: Minimum +8°C, maximum +30°C

Ambient Temperature: Minimum +10°C, maximum +30°C

Material Temperature: Minimum +10°C, maximum +25°C

Preparation and Application

Before mixing, Component A must be mechanically stirred on its own. After Component B is poured into Component A, mix with a 300–400 rpm mixer until a homogeneous mixture is obtained (approximately 3 minutes). To ensure complete mixing, transfer the materials to another container and mix again for 1 minute. Avoid overmixing to minimise air entrainment.

As a Coating: EPOFLOOR COAT TEXT 200 can be applied with a fine-notched trowel and textured using a

coral/crystal roller. An orange-peel texture is created in the final floor-coating layer.

For all applications in warm ambient or weather conditions, the A+B mixture must be divided into smaller quantities to prevent the risk of premature setting.

Consumption

The EPOFLOOR COAT TEXT 200 A+B mixture is used as the main coating material in coating systems, and its consumption varies according to its use within the system.

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Technical Values

Product Properties	Value
Density	1,45 kg/L $\pm$ 3%
Total Solids Content	100%
Additive (Thinning)	Cannot be thinned.

Technical Values	Value	Test Method
Compressive Strength	$\sim 60 \text{ N/mm}^2$ (28 days / 23°C)	TS EN 12190
Bond Strength	$\geq 2,0 \text{ N/mm}^2$ (concrete failure)	TS EN 1542
TABER Abrasion Resistance	$\leq 3000 \text{ mg}$	TS EN ISO 5470-1
Capillary Water Absorption and Water Permeability	$\leq 0,1 \text{ kg/m}^2 \cdot \text{h}^{0,5}$	TS EN 1062-3
Impact Resistance	CLASS II	TS EN ISO 6272-1
Shore D Hardness	75 (7 days / 23°C)	TS EN ISO 868
Reaction to Fire Class	E	TS EN 13501-1

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Curing Details

At an average temperature of +23°C, the mixture must be used within a maximum of 30 minutes. At +23°C, the waiting time between coats is at least 10 hours and at most 48 hours. If more than 48 hours have elapsed, the surface must be roughened by sanding. The material reaches full cure and attains its mechanical and chemical resistance after 7 days.

Packaging and Storage

- Supplied as a two-component 25 kg set (Component A: 21,25 kg pail; Component B: 3,75 kg pail).
- Available on pallets upon request.
- Under suitable storage conditions, the shelf life is 12 months from the date of manufacture.
- Opened packages must be tightly sealed and stored under suitable storage conditions.
- Store in unopened original packaging in a cool, dry place, protected from frost and direct sunlight.

Warnings

- Do not allow ponding during primer application.
- The freshly applied product must be protected from moisture, condensation and water for at least 24 hours.
- Storage conditions must be taken into consideration during transportation.
- During application, workwear, protective gloves and safety goggles compliant with occupational health and safety regulations must be worn.
- If swallowed, seek medical attention immediately.
- Food and beverages must not be brought into application areas.
- Keep out of reach of children.
- Do not use outside the specified areas of application or contrary to the instructions for use.
- For further information, request the product Safety Data Sheet.
- Please consult us regarding all other application conditions and technical questions.

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Certificate of Conformity



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