

Hardox Beton

Ready-to-use pre-mixed dry concrete, strength class C20/25, for all small-scale concreting works.

Description

Hardox Beton is a factory-prepared pre-mixed dry concrete, strength class C20/25, for repair and concreting of non-structural and unreinforced concrete elements with low static requirements. It can be used for all small-scale concreting works.

Features - Benefits

- Durability
- Frost resistance
- Easy application

Specifications

Form: Cementitious mortar

Color: Grey

Compressive strength: $\geq 20 \text{ N/mm}^2$

Flexural strength: $\geq 4 \text{ N/mm}^2$

Reaction to fire: A1_{fl}

Substrate preparation

The substrate must be stable, clean, dry, and free of contaminants such as oils, grease, paints, or substances that may prevent adhesion.

The substrate must be lightly moistened before application, but no free water should remain in the application area.

Mixture preparation

Hardox Beton can be mixed by hand or in a concrete mixer. After mixing with water, the fresh concrete must be transported immediately from the mixer to the application site and placed before segregation occurs. Required water: 1.8 – 2.5 liters of clean water per 25 kg bag.

The amount of water affects consistency, which can range from semi-dry to plastic.

Instructions

All concreting works are carried out in the usual way. The temperature (air, substrate, and material) during application and curing must be above +5 °C and below +35 °C.

Tools and application equipment should be cleaned immediately after use with water. Hardened material can only be removed mechanically.

Consumption

Approx. 18–20 kg/m² per cm thickness.

Packaging

25 kg paper bag

Storage

Store in shaded, preferably covered, low-humidity areas for up to 12 months in the original sealed packaging.

Precautions and safety

The product contains cement and is classified as an irritant. No special precautions are necessary for product application except for standard precautions applicable to all construction operations i.e. using gloves and goggles; preventing prolonged skin contact, etc. In case of eye contact, immediately wash with plenty of water and seek medical advice if necessary. Collect empty bags and plastic covers and dispose of in refuse bins designated for this purpose. Consult instructions for safe use indicated on product packaging. For more information please refer to the material safety data sheet of the specific product.

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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Qualitätsmanagementsystem

Zertifiziert nach DIN EN ISO 9001

