FL-D

Historic roofing mortar

Fibre-reinforced historic roofing mortar with FL B 3.5 for roof tiles/tiles, ridge tiles, hip tiles and eaves tiles

Standard masonry mortar M2. 5 in accordance with DIN EN 998-2

- excellent stability
- frost-resistant

APPLICATIONS

- as sealing mortar for roof tiles
- for laying ridge, hip and eaves tiles
- for the renovation of old historic roof coverings, also thatched roofs

PROPERTIES

- good adhesion
- high elasticity
- smooth and easy to process
- no burning with absorbent bricks
- weather and frost resistant after hardening
- vapour-permeable
- hydrophobic
- fibre-reinforced

COLOURS

- grey, red, black, further colours on request

COMPOSITION

- formulated lime according to DIN EN 459
- cement in accordance with DIN EN 197-1
- graded stone aggregates in accordance with DIN 13139

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PROCESSING

Temperature	■ Do not process or allow to dry out at air, material or substrate temperatures below +5°C, or if there is a risk of exposure to night frost, or at temperatures above +30°C, or in direct sunlight, or on heated up surfaces, and/or in windy conditions.
Mixing / Preparation / Processing	■ When mixing manually, first place the quantity of water specified in the technical data in a clean container and then sprinkle in dry mortar. Use clean tap water. ■ Mix material homogeneously and without lumps with a suitable agitator. Adjust to consistency suitable for processing if necessary by adding more water. ■ Working consistency: weakly plastic ■ Do not mix with other products and/or other substances.
Processing / Working time	■ approx. 2 hours
Drying / Hardening	■ Protect the fresh mortar from drying out too quickly and from unfavourable weather conditions such as frost, draughts, direct sunlight and direct exposure to driving rain if necessary by hanging with foil.
Cleaning the tools	■ Clean all tools and equipment with water immediately after use.

PACKAGING

■ 25 kg/sack

STORAGE

■ Store sacks appropriately and in dry conditions on pallets.

QUANTITY REQUIRED / YIELD

■ Consumption: approx. 15 - 20 kg per running metre when laying the ridge (guide value).
■ yield: app. 16 l fresh mortar per 25 kg/sack

TECHNICAL DATA

Fire behaviour	
Compressive strength	≥ 2.5 N/mm²
Grain	0 – 1,2 mm
Water requirement	approx. 4.4 l per 25 kg/sack

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.

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SAFETY AND DISPOSAL INSTRUCTIONS

Safety	■ This product produces an alkaline reaction when it comes into contact with moisture/water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes. ■ Follow further instructions in the safety data sheet.
GISCODE	■ ZP1 (products containing cement, low-chromate)
Disposal	■ Dispose of the material in accordance with the official regulations. ■ Completely empty and recycle the packaging. ■ Dispose of hardened product in accordance with the local regulations. Do not allow to enter the sewer system. Dispose of the hardened product in the same way as concrete waste and slurries. Waste code according to the Ordinance on the European Waste Catalogue depending on the origin: 17 01 01 (concrete) or 10 13 14 (concretewaste and concrete slurries).

GENERAL INFORMATION

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. Since natural raw materials are used, the values and properties described may vary somewhat. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.