KREISEL

TECHNICAL DATA SHEET

POZMUR 117

M15 mortar, construction

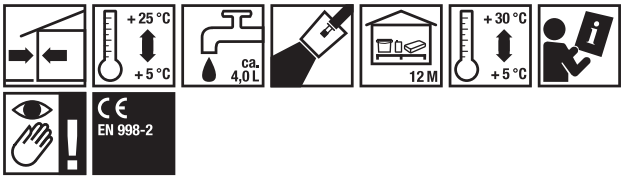
Areas of application

The mortar is particularly suitable for the erection of walls as well as building and foundation walls, where the strength of the weld seam is particularly important. Indoor- and outdoor-use masonry mortar Intended for erecting walls and pillars from ceramic, lime-sandstone, cement, concrete, autoclaved aerated concrete elements and other. Mortar intended for erecting load-bearing, partition and foundation walls.

Properties

- Water resistant after curing
- Frost-proof
- Very high durability
- For reinforced and non-reinforced walls and pillars
- For foundations
- Universal
- Easy to process

Application procedure



Technical data

Item number	34836
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	48 unit/Pal.
Grain size	0-2 mm
Colour	Grey
Water requirement	approx. 4 L/unit
Reaction to fire	A1
Compressive strength	≥ 15 MPa (28 d)
Thermal conductivity	≤ 1,11 W/mK

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Item number	34836
Chromium content	≤ 0,0002 %
Mortar class	M15 EN 998-2
Processing time	60 min - 120 min

Material base

- Modifying additives
- Portland cement
- Quartz additive

Application conditions

Apply in temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature. Walled up elements must be cleaned, stable and non-frozen

Surface

It is recommended that elements of the same type, kind and class are executed in one story
Bricks and ceramic CMUs: Apply directly
Concrete and concrete blocks: Apply directly
Autoclaved aerated concrete elements: Moisten, if necessary
Silicate blocks: Moisten, if necessary

Preparation

Pour the content of the packaging to 6.0 liters of clean, cool water, mix with a low-speed mixer to produce homogeneous mass. Mix again after several minutes. If needed,correct the amount of added water based on the application location (wall, floor). Do not mix the hardened grouting mixture again.

Application procedure

Apply the mortar on the wall, depending on the masonry method used. Observe all tying principles when erecting walls. The product must be used within 60 minutes after mixing with water, depending on the conditions. While performing works and during drying process, protect from frost, rainfalls, too high temperatures and strong winds. In walls made of solid ceramic bricks, perforations and grates, as well as ceramic hollow hollow hollow bricks, the thickness of horizontal joints should be 12 mm (+5 mm, -2 mm), vertical joints 10 mm (+/- 5 mm). In walls made of concrete blocks, the thickness of horizontal joints may be 10-15 mm, and the thickness of vertical joints 10-20 mm. In walls made of cellular concrete blocks made on traditional mortars, the thickness of horizontal joints should be 15 mm (+/- 3 mm), the thickness of vertical joints 10 mm (+/- 3 mm).

Instructions

When conducting works in adverse weather conditions, use special covers limiting the effects of external factors. With accelerated drying, moisten the walled up element. Mortar consumption depends on the type of the embedded element. It is:

Storage

Up to 12 months from the date of manufacture, in dry places and in intact packaging

General information

This product data sheet replaces all its previous versions.The information, included in this technical card, represents our current knowledge and practical experience.

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This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions.The product shall be applied in accordance with required technical knowledge and OHS rules.Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing.
All technical data listed in this product specification has been determined under laboratory conditions.