



POZMUR 116 M10

Strong masonry mortar

Areas of application: 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:

- Waterproof
- Frost-resistant
- Very high durability
- Good adhesion
- Good molding properties
- For reinforced and non-reinforced walls and pillars
- Class M10
- For foundations

Application procedure:



Technical data	
Item no.	31401
Packaging type	
Quantity per unit	25 kg
Unit per pallet	48 Pcs/pallet
Colour	Grey
Granulation	0 - 2 mm
Consumption	45 kg/m ²
Consumption	<ul style="list-style-type: none">• MAX hollow brick (wall thickness 18.8 cm) - 41 kg/m²• MAX hollow brick (wall thickness 28.8 cm) - 71 kg/m²• aerated concrete, cellular concrete (wall thickness 24 cm) - 44 kg / m²
Application time	60 - 120 min
Compressive strength (28 d)	≥ 10 N/mm ²
Layer thickness	approx. 5 - 20 mm
Chloride content	≤ 0.1 %
Soluble chromium VI content	≤ 0.0002 % (2ppm)
Amount of water required	approx. 4.1 l/bag
Thermal conductivity λ10,dry	≤ 1.11 W/mK
Reaction to fire	A1
Mortar class (EN 998-2)	M 10

The product conforms to: • EN 998-2

Material base:

- Portland cement
- Hydrated lime
- Quartz aggregate
- Additives

Surface: It is recommended that elements of the same type, kind and class are executed in one story



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Types of substrate:	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 necessary, depending on the conditions, slightly adjust the amount of water added. 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 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).
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
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. 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 is given for a temperature of +20 °C and a humidity of 60 %. In the case of drying times, binding, pointing, open, correction, water resistance, etc., these values are given for a typical layer thickness of the product, which for the tile adhesive is about 5mm, primer and self-leveling screed of about 10mm, screeds about 25mm. In special cases, they may deviate from this accepted average and should be determined experimentally. In case of doubts and not included in this record, it is recommended to contact the technical department of KREISEL.