



POZMUR 115

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.

Properties:

- Waterproof
- Frost-resistant
- Good adhesion
- Good molding properties
- For reinforced and non-reinforced walls and pillars
- M5 class

Application procedure:



Technical data

Item no.	3845
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	see consumption table
Application time	60 - 120 min
Compressive strength (28 d)	≥ 5 N/mm ²
Layer thickness	approx. 5 - 20 mm
Soluble chromium VI content	≤ 0.0002 %
Amount of water required	approx. 3.9 l/bag
Thermal conductivity λ10,dry	≤ 1.11 W/mK

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

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



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Wall thickness	Solid brick and perforated brick	Perforated brick prism shape	Hollow block U	Hollow block MAX
6,5 cm	14 kg	-	-	-
12,0 cm	37 kg	28 kg	-	-
18,5 cm	-	-	33 kg	-
18,8 cm	-	-	-	41 kg
25,0 cm	94 kg	70 kg	52 kg	-
28,8 cm	-	-	-	71 kg
38,0 cm	186 kg	116 kg	-	-
44,5 cm	-	-	107 kg	-
48,8 cm	-	-	-	135 kg

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 the temperature of 20 degrees Celsius. These temperatures apply to air, bed and embedded material.