



Masonry Mortar ELLFIX – technical card

PRODUCER

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APPLICATION :

- Traditional masonry mortar for indoor and outdoor use
- Suitable for erecting walls and pillars, foundations made of bricks, hollow bricks and other similar ceramic, concrete or sand-lime materials
- for thick joints 6-30 mm
- compressive strength $\geq 5 \text{ N/mm}^2$

PROPERTIES:

- class M5
- waterproof
- frost resistant
- good application properties
- good grip
- for reinforced and non-reinforced walls and pillars

PRODUCT COMPLIANCE WITH: EN 998-2

TYPES AND PREPARATION OF THE SUBSTRATE:

Bricks, concrete blocks, hollow bricks. The substrate must be dry and free from impurities that impair adhesion.

TECHNICAL DATA:

QUANTITY IN THE PACKAGE - 25 kg
QUANTITY ON THE PALLET - 48 pcs.
GRIT SIZE - 0-2 mm
CONSUMPTION - 45 kg/m^2
TIME OF USE - 60-120 min
JOINT THICKNESS - 6-30 mm
WATER REQUIREMENT - 3.8-4.0 l / 25 kg
Grey colour
COMPRESSIVE STRENGTH – 5 N/mm^2
THERMAL CONDUCTIVITY $\leq 1.11 \text{ W/mK}$
CHLORIDE CONTENT $< 0.1\%$
WATER ABSORPTION - category $\leq 1.5 \text{ kg/m}^2 \cdot \text{min} 0.5$

USE:

BLOCK MAX o grubości 28,8 cm	71 kg/m ²
BLOCK MAX o grubości 18,8 cm	41 kg/m ²
BLOCK U o grubości 25 cm	52 kg/m ²
BLOCK U o grubości 18,5 cm	33 kg/m ²
BRICK o grubości 25 cm	94 kg/m ²
BRICK o grubości 12 cm	37 kg/m ²



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COMPOSITION:

- PORTLAND CEMENT
- QUARTZ AGGREGATE
- HYDRATED LIME
- ENHANCEMENT ADDITIVES

MORTAR PREPARATION:

Pour the contents of the package into clean, cool water and then mix with a low-speed mixer until a homogeneous consistency is obtained. Leave for approx. 5 minutes and mix again. Hardened mortar should not be added to fresh mix.

HOW TO USE:

The product should be used in accordance with its intended use, in compliance with the rules of construction art and health and safety rules. Apply the prepared mortar on the wall, observing the principle of tying. During the work and when the mortar is drying, protect it against precipitation and strong wind by using special covers.

Air, substrate and product temperature should be between 5°C and 25°C. Wall elements must be clean, free of impurities that weaken mortar adhesion.

STORAGE:

The product should be stored in dry places in undamaged packaging. Shelf life 12 months from the date of production.