



PUMABLOCK MORTERO ADHESIVO



DESCRIPTION

Thin-layer adhesive mortar for cellular concrete block manufacturing.

TECHNICAL CHARACTERISTICS

Product formulated with high-strength cement, selected aggregates, and special additives.

ADVANTAGES AND USES

- Masonry works of cellular concrete block.
- Thixotropic, easy to apply both horizontally and vertically.
- Permeable to water vapor and impermeable to rain.
- Hardens without significant shrinkage, allowing for perfect adhesion of the blocks.

SUITABLE SUBSTRATES

The construction elements must be dimensionally stable and solid, free from loose parts, dust, oils, and any other substances that could affect adhesion.

APPLICATION PROCEDURE

- Add 5-6 liters of water per bag and mix manually or mechanically until a homogeneous and workable consistency is achieved.
- Lift the concrete blocks using special trowels of the same width as the wall. Apply a continuous layer approximately 3 mm thick, place the blocks, and gently tap them with a rubber mallet to ensure proper seating. This method achieves a uniform and continuous layer with a consistent thickness between 1.5 mm and 2 mm.
- To lay the next course of blocks, wait until the adhesive of the previous course has completely dried.
- Before placing each course of blocks, it is essential to verify the perfect leveling of the wall both longitudinally and transversely. If necessary, make corrections by sanding and removing dust and loose parts.
- Next, remove any mortar that oozes from the joints and level these joints as soon as possible.
- The vertical faces of interlocking blocks will not receive Pumablock adhesive mortar. However, a continuous layer of adhesive mortar should be applied at junctions between blocks with smooth faces, at right-angle joints, and at connections between cut blocks.

RECOMMENDATIONS

- Do not apply below 5°C or above 30°C.
- Do not apply in the presence of frost, rain, strong winds, or direct sunlight.
- In extreme weather conditions (high wind or high temperatures), drying occurs faster than normal.
- It is important not to mix Pumablock adhesive mortar with plaster, cement, sand or other construction materials.

SPECIAL MORTARS

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PACKAGING AND STORAGE

25 kg bags of plasticized paper.

Store for up to 1 year in the original sealed container, protected from weather and humidity.

TECHNICAL DATA

(Statistical results obtained under standard conditions)

Appearance	WHITE or Gray Powder
Mixing time	2 Hours
Compressive strength	$\geq 10 \text{ N/mm}^2$
Adhesion to the support (Block h.c)	0.4 B
Water absorption by capillarity	$\leq 0.35 \text{ Kg/m}^2 \text{ min}^{0.5}$
Water vapor permeability coefficient (μ)	5/20
Classification according to UNE-EN 998-2	M10
Reaction to fire	Class A1
Approximate yield	3-6 kg/m ² (depending on block format)

LEGAL DISCLAIMER

The usage instructions are based on our tests and knowledge and do not imply any commitment by GRUPO PUMA, nor do they relieve the consumer from examining and verifying the products for their proper use. Claims should be accompanied by the original packaging to ensure proper traceability.

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