



Mortar for the joining of glass blocks.

Description

ColCret Glass is an adhesive mortar formulated with high-strength white cement, selected aggregates of great fineness, resins and special additives that give it adhesion, plasticity, impermeability, excellent workability and ease of cleaning. Especially suitable for the joining of glass blocks indoors and outdoors.

Pros

- Assembly and grouting in a single operation.
- Excellent finesse. High plasticity.
- Excellent whiteness.
- Impermeable e inalterable.
- Indoor and outdoor application.
- High mechanical resistance.
- Greater resistance to water and thermal shocks.

Uses

Fixing, assembling and grouting of glass blocks in windows and partitions indoors or outdoors.

Presentation and storage

ColCret Glass is packaged in 25 kg multi-sheet paper bags with moisture-proof film.

Storage: 12 months in original closed container, protected from humidity and in covered places.

Consumption

The approximate consumption of ColCret Flex ANH is 3 to 5 kg/m².



Supports

Useful supports for the application of ColCret Glass are:

- Glass blocks.
- Other conventional cement-based supports (on which glass blocks can be placed).

Preparing the Stand

The aforementioned supports must be healthy, clean, free of paint residues, poorly adhered parts or substances that may hinder adhesion. All supports must be of the appropriate flatness. The substrate must not have clear problems with humidity and, where appropriate, it must have completed its curing retraction having respected its maturation period. In case of heat, wind or on highly absorbent supports, it is advisable to moisten the support and wait for the water film to disappear. Do not apply to plasters or paints.

Application

Knead ColCret Glass with 6.5-7.5 litres of clean water per 25kg bag manually or by electric whisk until a homogeneous, creamy and lump-free mixture is obtained. Let stand for 5 minutes before application.

In the composition of the wall, the spacers or separators existing on the market must be used for this purpose (their use is essential). In addition, the wall must be reinforced with 4 or 6 mm rods (if the joint is 10 mm.) or with 8 mm rods (for 16 mm joints). The adhesive is inserted into the gaps with a mason's trowel. The gaps are then grouted with the adhesive. When the adhesive is sufficiently hardened (1-2 hours) a sponge moistened with clean water will be passed to leave the joint with a fine finish and clean the blocks. The next day the final cleaning can be carried out by removing the remains of dust with a dry or slightly damp cloth.

Tool Cleaning

Tools and tools are easily cleaned with water before the paste has hardened. Cured or hardened product can only be removed by mechanical means.

Technical data

Product identification and application data

Appearance	Powder
Color	White
Bulk density	≈ 950 Kg/m ³
Particle size range	0-600 μm
% Kneading water	± 32%
Maximum application thickness	20 mm.
Performance	≈ 25 Kg/m ² (1.5 cm. joint thickness, for block of 20*20*8 cm.)
Departure arancelaria	3824.50.90.00
Joint filling	≈ 24 h.
Performance	≈ 3.5 Kg/m ² Single gluing ≈ 5.0 Kg/m ² Double glued
Departure arancelaria	3824.50.90.00

Final performance

Compressive Strength	≥ 8.0 N/mm ²
-----------------------------	-------------------------

Important Notes

- In the event of possible expansion or contraction, place an elastic perimeter joint to protect the walls or window openings in contact with the blocks.
- Do not apply below 5°C or above 30°C.
- Do not apply with risk of frost, rain, strong winds or direct sun.
- Glass block partitions are not structural, so they will not support any load.
- The maximum surface area of the partition will not exceed 20 m².
- It is important in the installation to press the blocks to achieve a correct solidization of the pieces and avoid gaps between the block and the support.
- The temperature, ventilation, absorption of the substrate and the different materials can vary the adjustability and drying times of the adhesive mortar.

Safety and hygiene instructions

For any information regarding safety issues in the use, handling, storage, and disposal of chemical residues, users should refer to the most recent version of the Product Safety Data Sheet. The disposal of the product and its packaging must be carried out in accordance with current legislation and is the responsibility of the final consumer of the product.

Technical note

Technical requests from customers, either in writing or through tests, are always made in good faith and based on our personal experiences, and this does not imply any guarantee. The foregoing does not relieve you at any time of the obligation to check their validity and test our products as to their suitability for the desired processes and uses. The use, use and processing of our products and the products manufactured by you on the basis of our technical advice, are beyond our control and therefore completely under your responsibility.

The results and values indicated in this technical data sheet have been tested in accredited laboratories. The actual measurements of the devices may be subject to minor variations depending on the calibration of the devices and other circumstances that are not dependent on the company.

Legal Notice

The information contained in this technical sheet is based on our knowledge of the product, in view of our tests, knowledge and experience. The correct use, transport, storage and installation of the product has an impact on its final quality. Since we limit ourselves to selling or supplying a specific product at the customer's request, PAVICRET SL does not is responsible for the use of the product that the customer may make. It is up to the customer to verify the suitability and suitability of the product for the desired application and purpose. Especially, the customer should check the product compatibility in the event that you intend to use it by mixing it or causing an interaction with other products. Likewise, PAVICRET SL cannot assume any responsibility in the event of incorrect or reckless use of the product by the customer. Customers assume the obligation to know the technical data sheet of our products, as well as to make proper use of it.