

Cementitious adhesive type CITE.

Description

ColCret Porcelain Pool is a cementitious adhesive with mixed binders with reduced slip and extended open time whose initial adhesion is excellent. It allows the adhesion of all types of ceramic pieces, porcelain stoneware, marble, granite and natural stone on interior and exterior floors, interior cladding and exterior plinths.

Especially recommended for tiling swimming pools with glass mosaic and laminated plaster partition tiling (type PYL).

Pros

Greater resistance to water and heat.

High water retention capacity.

Greater mechanical performance.

High open time, allows the rectification of parts.

Greater finesse. High plasticity.

It avoids having to moisten parts or supports thanks to its water retention power.

High initial adhesion.

It does not hang up.

Uses

Installation of high and medium absorption ceramic pieces in interior cladding and interior and exterior flooring. Suitable for placing small and medium format porcelain ceramics indoors. Suitable for pool tiling.

Presentation and storage

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

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

Consumption

The approximate consumption of ColCret Porcelain Pool is 3 to 5 kg/m².

Supports

Conventional cement-based supports.
Mortar rendering.
Concrete slabs.
Plasterboard and PYL partitions.

Preparing the Stand

The supports must be resistant, stable, healthy and clean, free of dust, remains of release agents, organic products, etc. 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. In outdoor pavements, the support must have a slope equal to or greater than 1%.

Application

Knead ColCret Porcelain Pool with 5.5-6.5 liters of clean water per 25kg bag. manually or by electric beater until a homogeneous, creamy and lump-free mixture is achieved. Let stand for 5 minutes before application.

The small format pieces are placed by "combing" the paste on the support with a 6×6mm notched trowel. For formats larger than 400cm², an 8×8mm toothed trowel will be used. For formats larger than 900cm², double gluing must be carried out. The tiles must be pressed until the grooves of the adhesive are crushed.

The paste will be spread on surfaces of approx. 1m² so that the time available between the application of the adhesive and the placement of the piece is less than the open time (30 minutes under normal conditions but may be reduced in conditions of high temperatures and/or winds). It is advisable to check if the open time has ended or if the gluing is being correct, for this it is enough to place a piece and lift it from time to time to see if the adhesive adheres to both the support and the ceramic tile. A total wetting of the back of the tiles must be obtained.

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 - Grey
Bulk density	≈ 1300 Kg/m ³
Mix Density	≈ 1730 Kg/m ³
Particle size range	0-800 μm.
% Kneading water	± 26%
Mixture life time	≈ 2 a.m.
Adjustability Time	≥ 30 min.
Joint filling	≈ 24 h.
Performance	≥ 3Kg/m ²
Departure arancelaria	3824.50.90.00

Final performance

Classification	CITE
Initial adhesion	≥ 0.5 N/mm ²
Adhesion after immersion in water	≥ 0.5 N/mm ²
Adhesion after heat cycles	≥ 0.5 N/mm ²
Adhesion after ice cycles-de-icing	≥ 0.5 N/mm ²
Open Time	30 min.
Slippage	≤ 0.5 mm.
Total VOCs (28 days)	≤ 500 μg/m ³

Important Notes

On plaster supports, apply a primer with the Pavilat range, which will prevent contact between the plaster and the adhesive cement, thus avoiding adverse reactions.

For the installation of formats > 3,600 cm², use ColCret Flex.

Do not apply on plastic, metal or wood.

Do not apply below 5°C or above 30°C.

Do not apply with risk of frost, rain, strong winds or direct sun.

Leave joints with a minimum thickness of 2 mm. between pieces and grout with ColCret Classic Joint.

On pavements larger than 30 m², leave partition or fractionation joints filled with a deformable material.

In interior floors with a surface area greater than 15 m², it is recommended to leave a joint free of perimeter expansion between the floor and the wall or pillar, hidden by the skirting board.

Temperature, ventilation, absorption of the substrate and the different coating materials can vary the adjustability and drying times of the adhesive.

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 is not 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. In particular, the customer must verify the compatibility of the product in the event that he intends 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.