



Multipurpose cementitious adhesive

Description

COLCRET C40 high-performance adhesive based on TractionPro® technology, formulated to maximize substrate wetting, thixotropic rheology and ceramic backing coverage, especially in large format systems and demanding conditions, offering an ideal balance between performance, workability and performance. The conformity of COLCRET C40 is accredited by the certificate (LGA1) issued by the APPLUS laboratory, LGAI Technology Center. It has very low VOC (Volatile Organic Compounds) emissions, in order to protect the health of both applicators and end users, and is A+ certified by TECNALIA Laboratories.

Pros

- Extended open time ≥ 60 min.
- Reduced slippage (T).
- Deformability S1.
- Excellent wetting and coverage
- Indoor/outdoor use on floors and walls.

Presentation and storage

ColCret C-40 is packaged in 20 kg multi-sheet paper bags with moisture-proof film.

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

Consumption

Its performance is approx. 1.2 kg/m²/mm.

Application

Limitations

The ambient temperature should be between 10 - 30° C, without excessive wind. The temperature of the support should be between 8 - 25° C.

On wood and wood chipboards

Do not add water to the mixture that has already begun to set.

Preparing the Stand

The substrates must be resistant, free of flimsy areas and free of greases, oils, paints, waxes and sufficiently dry. Cementitious substrates should not be subject to shrinkage after tile installation. Plaster and anhydrite supports should be completely dry, the use of our first PAVILAT is recommended.

Kneading

Knead with 32% to 34% clean water until you get a homogeneous dough without lumps, after about 3 minutes of resting, mix again.

Application

Apply using a notched trowel that allows optimal wetting of the back of the pieces. To obtain good adhesion, first spread a thin layer on the substrate with the trowel of suitable teeth, in relation to the type and size of the pieces. In case of supports that are very absorbent, it is recommended to moisten the support. For pieces with a side greater than 60 cm and 30 cm outdoors, use the double gluing technique, to guarantee complete humidification.

The parts must be applied with good pressure to ensure proper wetting. Unfavorable environmental conditions as well as a highly absorbent support can reduce this open time. Check has not formed a veil on the surface and is still fresh, otherwise pass the notched trowel over the adhesive again.

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

Physical appearance	Powder
Color	White/Grey
Open time at 25°C	60 min Approx.
Joint Fill Time	24 hours pavements / 8h vestments
Correction time at 25°C	30 minutes
TractionPro® EN 12004-2 Technology	
Initial adhesion	> 1N/mm ²
Adhesion immersion in water	> 1N/mm ²
Adhesion after heat action	> 1N/mm ²
Adhesion after freeze/thaw cycles	> 1N/mm ²
Vertical Sliding	≤ 0.5 mm
Performance	Approx. 1.2 kg/m ² /mm.
Compliance	C2TES1

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.