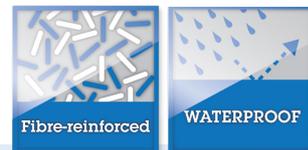


GECOL Aplacado



Flexible and waterproof adhesive for the placement of all types of stony material



* In accordance with the level of volatile substances present in the indoor air and presenting a risk of inhalation toxicity. The classification ranges from A+ (very low emission levels) to C (high emissions).

Suitable for the placement of masonry and ashlar masonry.

Veneering of all types of natural stone, polished marble, granite, etc.

High mechanical resistance

Reinforced with fibres.

Fast drying Reduces the risk of appearance of stains due to humidity.

Perfect thixotropy Null vertical slip.



Uses	Quality	Regulations
	<div data-bbox="454 1144 600 1227" style="border: 1px solid black; padding: 5px; text-align: center;"> QUARTZ Technology </div>	

Commissioning requirements

- The indications for use refer, where provided, to **Standard UNE 138002**, in effect since February 2017: "General rules for the execution of cladding with ceramic tiles by adhesion". Following always the specifications and applications of this.
- Other uses or other applications not described in said Standard will not be considered within the product warranty.
- Before using this adhesive, we recommend consulting the user manual.
- The data provided in this technical documentation have been obtained under standard laboratory conditions, so they may vary depending on the on-site installation and on the specific weather conditions, which are beyond our control.
- **GECOL** guarantees the perfect performance of its auxiliary products to the indicated situations. Materials from other brands or situations not described may affect the physical and aesthetic properties of our products.

Areas of application

Flexible, thixotropic and hydrophobic cementitious adhesive, suitable for the placement of all types of stone material:

- Natural, reconstituted or artificial stone.
- Marbles, granites, limestones, etc.

Suitable for floors and interior and exterior coverings, on supports:

- Cement plasters.
- Cementitious screeds.
- Ceramic brick.
- Prefabricated concrete or poured on site.
- Concrete blocks.

Directions for use

1_Before getting started

-During application, prevent water from penetrating between the substrate and the piece and provide protection.

-For large-format tiles, we advise applying the back-buttering technique.

-To prevent lippage, adhesive thicknesses should be uniform.

-We advise a joint spacing of 3 mm between tiles indoors and 5 mm between those outdoors.

-To comply with its property of impermeability to rainwater, 10 mm thick are necessary.

-Depending on the size format of the tile to apply, we recommend the use of different trowels, as shown in the table:

Notched trowel table		
Tile format	Notched trowel	Adhesive method
< 100 cm ²	U4 (4x4x4)	Simple buttering
≤ 450 cm ²	U6 (6x6x6)	Simple buttering
≤ 900 cm ²	U6 (6x6x6) / U9 (9x9x9) ó 10	Doble / Simple
> 900 cm ²	U9 (9x9x9) ó 10	Doble buttering

- If in doubt, always consult our Technical Department.

2_Substrate preparation

- Generally, all substrates must be sturdy, clean, stable, rough, flat, with some degree of moisture and absorption and totally set-up (hardened)

- On porous substrates or in warm weather, the substrate must be previously moistened, and you must wait for the film of water to disappear

- Substrate types and conditions:

A. Cement mortar substrate:

Solid and clean with excellent resistance with all mortar retraction complete.

When applying via mechanical projection, wet down several times two days afterwards to prevent drying out. Apply a floated finish in all cases.

B. Concrete substrate:

Solid and clean with excellent resistance with all concrete retraction complete.

Prevent all surface grout and/or release agents by cleaning mechanically or washing with **GECOL Desincrustante**.

Rinse with clean water and let dry.

C. Ceramic brick substrate:

Solid, clean, stable and have all shrinkage completed.

D. High-absorption substrates:

We recommend the application of a coat of **GECOL Primer-TP** to reduce water absorption, harden the surface and facilitate the adhesive spreading.

3_Preparation of the mix

- Mix the product with clean water until you have smooth and lump-free paste.
- Let it rest and then mix the paste again.
- The amount of water indicated on the packaging is a guideline and may vary by a small percentage depending on the geographic region where production takes place.
- Mixes with more or less thixotropic consistency may be obtained, depending on the application desired.
- Adding excess water can cause the thickness to be reduced due to shrinkage during the plastic phase of drying, reducing its ultimate performance, as well as result in a poorer application of the adhesive.

4_Application

- Apply **GECOL Aplacado** on the substrate.
- Align the tiles with the use of spacers.
- Screed the thickness with a notched trowel chosen based on the format of the ceramic tile and the flatness of the substrate, ensuring that the back of the tile is thoroughly wetted.
- Check that the tile does not have any dust, dirt or poorly attached layers.
- For good adhesion, we recommend that a thin layer of **GECOL Aplacado** be applied on the substrate using the flat side of the trowel, followed by the application of the desired thickness of the adhesive using a notched trowel suitable for the tile type and format.
- We recommend using the double buttering technique in cases such as those involving large-format pieces, flooring subject to heavy loads, materials to be polished, etc.
- It is not necessary to wet the tile before placing it. Only if the back of the tile is very dusty do we recommend washing it with clean water.
- Apply the tile and tap it with a rubber mallet until the mark or groove left by the notched trowel is broken, periodically checking the stickiness of the pasta (lifting up the tile already installed).
- The open time can be reduced in adverse environmental conditions (intense sun, dry wind, high temperatures), as well as with a very absorbent support.
- The adhesive should be checked regularly to ensure there is no skinning of the adhesive and that it is fresh.
- Otherwise, it should be re-combed with a notched trowel, but never wet the adhesive.

5_Grouting

- Sealing joints is done with specific materials of the **G#color Junta** range.
- When a good chemical resistance is required, use anti-acid epoxy compounds of the **G#color Epoxy** joints range.
- Take care to preserve movement joints on any structural joint the building has.
- Perimeter movement joints in corners and changes in plane, height, or material.
- Movement joints that constitute maximum surface areas of 50 m² indoors, 25 m² outdoors and 16 m² with dark colours on exterior surfaces.
- All movement joints should be filled with elastic mastic like **G#color Elastic-MS**.

Limits of use

Do not use:

- On metal, plastics or concrete coated with a thin sealing film lacking optimal consistency.
- Do not apply if the substrate has a moisture content above 3%.

Cleaning

Clean any residue on the tools and coated surfaces with water before the product hardens.

Technical data

Coverage	Simple buttering technique: +/- 4 - 5 kg/m ² Back buttering technique: +/- 6 - 7 kg/m ²	Application	Mixing water: 5 - 6 litres/25 kg approx. Pot life of the mix: over 2 hours. Stand time: 5 minutes. Grouting: after 24 hours on façade coverings and 48 hours on flooring. Traffic bearing: 24 to 48 hours after grouting (depending on weather conditions) Surface polishing: after 14 days. Thickness for tile application: from 2 to 15 mm. Application temperature: from +5 °C to +35 °C (measured on the substrate).
Supply	Packages: 25 Kg plasticised paper bags. Colours: grey and white.	Ultimate performance	Slippage: ≤ 0,5 mm. Working temperature: from -30 °C to +80 °C Initial adhesion strength: greater than 1,0 N/mm ² Compressive strength: greater than 7,5 N/mm ² Water absorption: less than 0,2 kg / (m ² min ^{0,5}) Reaction to fire: Euroclass F.
Product	Composition: white or grey cement, silica and/or limestone sand, selected nanotechnological additives and plastic copolymers. Apparent density of powder: 1,30 +/- 0,10 kg/litres.		
Storage	24 months from date of manufacture in a sealed package and protected from the weather.		

Environmental classification

GlobalEPD
VERIFIED ENVIRONMENTAL DECLARATION

Award points:

BREEAM® **LEED** **VERDE**

Safety data

DANGER



GHS07

GHS05

Hazard

- H315** Causes skin irritation.
- H317** May cause an allergic skin reaction.
- H318** Causes serious eye damage.
- H335** May cause respiratory irritation.

Precautionary

- P102** Keep out of reach of children.
- P103** Read label before use.

P261 Avoid breathing dust.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P302 + P352 IF ON SKIN:
Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy. Continue rinsing.

P310 Immediately call a **POISON CENTER** or doctor.

P501 Dispose of contents / container in accordance with current legislation waste treatment.

1999/45/CE The product contains Chromium VI reducer, declared the period of effectiveness is indicated on the packaging.