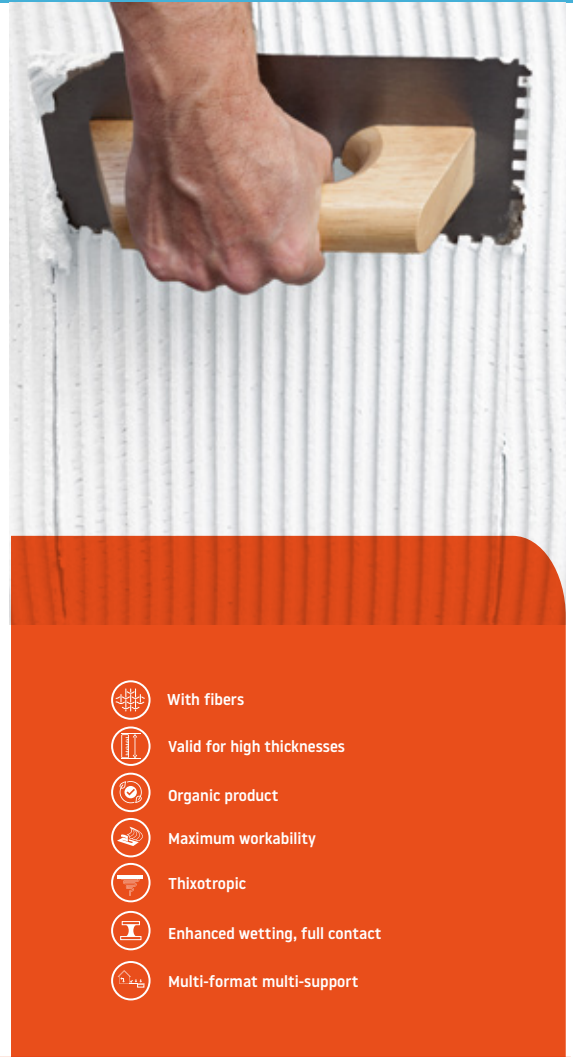


GL CAPAGEL

Flex Elastic C2 TE S2



GlobalEPD
A VERIFIED ENVIRONMENTAL DECLARATION



- With fibers
- Valid for high thicknesses
- Organic product
- Maximum workability
- Thixotropic
- Enhanced wetting, full contact
- Multi-format multi-support

DESCRIPTION

GL Capagel Flex Elastic is a super flexible and super deformable adhesive of the latest generation with GEL TECHNOLOGY, which gives it excellent workability and CE marking: C2 TE S2, according to the UNE-EN 12004 standard. Its composition based on geopolymers and fibers of new technology gives it excellent mechanical properties, as well as high thixotropy, which translates into high final performance. This adhesive with Gel Technology causes a lower consumption of material, obtaining a higher performance than traditional adhesives.

APPLICATIONS

Especially suitable for laying ceramic tiles, porcelain tiles, glazed stoneware, pieces meshed on the inside, natural stone of all kinds, and large-format porcelain sheets, in the most demanding conditions. Especially recommended for use at low temperatures or when an improvement in commissioning times is required, thanks to a shorter setting and hardening time. Applicable on any type of radiant heating, as well as on existing tiles and pavements. For formats larger than 90x90 cm, the use of the double spreading technique is recommended, especially for outdoor applications.

SURFACES

The surfaces must be cured and clean of dust, paint and oil. Avoid dead plaster and weak plaster. The product can be used on laminated plaster, plaster and plaster derivatives or on conventional surfaces such as plaster and concrete floors, as well as on cellular concrete. In case of use on surfaces or with tiles not defined in the technical sheet of the material, consult the Technical Department.

HOW TO USE

1. Mix mechanically with clean water (8,7- 9,7 l/bag) until a homogeneous and workable consistency is achieved.
2. Let the mixed adhesive rest for 5 minutes and mix again before applying.
3. Spread the paste on the support in sections no longer than 2 meters, combing with the appropriate trowel. Follow the indications for use defined in the UNE-EN 138002 table.
4. Place the ceramic pieces on the fresh gel adhesive, pressing them gently until complete contact with the entire surface is achieved, flattening the grooves.
5. For the treatment of joints between tiles both indoors and outdoors, as well as perimeter and structural joints, follow the indications for use defined in the tables of the UNE-EN 138002 standard.

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Rev - 04/2026

PRECAUTIONS AND RECOMMENDATIONS

- Do not apply to weak and cohesive supports.
- Do not apply at temperatures below 5 °C or above 45 °C.
- Do not apply when there is a risk of frost or rainy weather.
- In extreme weather conditions (wind and high temperatures) it dries faster than normal, causing a reduction in the open application time.
- In the event of high temperatures, wind and highly absorbent supports, it is advisable to moisten the support and wait for the water film to disappear before applying the material.
- Periodically check that no surface film has formed on the spread adhesive, in which case, it would be necessary to comb or remove it again, applying the product again.
- Check the stickiness of the paste by periodically lifting a tile placed and observing that it is well adhered.
- Apply the product following the indications contained in the UNE-EN 138002 installation regulations and in accordance with the instructions that appear in the technical data sheet. For any questions, consult the Technical Department.
- Use it within 1 year from its packaging date and store in a covered and dry place in its original packaging, away from moisture.
- Once adhesions have developed after 28 days, they may be exposed to temperatures from -40°C to +90°C.

PACKAGING

GL Capagel Flex Elastic is presented in 25 kg BOPP bags (biaxially oriented polypropylene), made on shrink-wrapped pallets in 1.400 kg (56 bags).

TECHNICAL CHARACTERISTICS

Kneading water:	8,7 – 9,7 l/ bag
Granulometry:	< 0,6 mm
Rectification time:	50 min
Useful life time:	2,5 h
Adherence under normal conditions:	≥ 1 Mpa
Adhesion after water cycles:	≥ 1 Mpa
Adhesion after heat cycles:	≥ 1 Mpa
Adhesion after freeze-thaw cycles:	≥ 1 Mpa
Adhesion after open time 30 min:	≥ 0,5 Mpa
Glide:	< 0,5 mm
Transverse deformation (flexibility):	≥ 5 mm
Trafficability (20°C):	24h
Grouting (20°C):	24h
Application thickness:	3 – 20 mm
Yield per mm of thickness:	1,13 Kg/mm ²

NOTE

Recommendations for use are based on our knowledge and experience. The technical data have been obtained under normal laboratory conditions, and may vary depending on the installation conditions. Since the application conditions are not controllable by us, the information on this sheet does not imply responsibility of the company.