

APLICAGEL

Flex Premium C2 TE S1

High flexibility, ultra thin, fiber reinforced, creamy and with gel technology, which gives it an excellent workability.



GlobalEPD
A VERIFIED ENVIRONMENTAL DECLARATION



-  Stop dust technology
-  Fibre-reinforced
-  Flexible and deformable
-  Valid for high thicknesses
-  Organic product
-  Maximum workability
-  Thixotropic
-  Enhanced wetting, full contact
-  Multi-format multi-support

DESCRIPTION

Aplicagel Flex Premium is a state-of-the-art flexible adhesive with GEL TECHNOLOGY, which gives it excellent workability, and CE marking: C2TE S1, according to the UNE-EN 12004 standard. Its composition based on geopolymers and new technology fibers 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

Suitable for laying ceramic tiles, porcelain tiles, glazed stoneware "gresite" and natural stones of all kinds. This adhesive with Gel Technology causes a lower consumption of material, obtaining a higher performance than traditional adhesives. 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 set and clean of dust, paint and oil. Avoid dead plasters and weak plasters. The product can be used on surfaces made of laminated plaster, plaster and derivatives of plaster or on conventional surfaces such as plaster and concrete floors, as well as on aerated concrete. In case of use on surfaces or with tiles not defined in the material's technical data sheet, consult the Technical Department.

HOW TO USE

1. Mix with clean water (8,5 – 9,5 l/bag) mechanically until a homogeneous and workable consistency is achieved.
2. Allow the kneaded adhesive rest for 5 min and knead before application.
3. Spread the paste on the support in cloths not exceeding 2 meters, combing with the appropriate trowel. Follow the instructions for use defined in the UNE-EN 138002 table.
4. Place the ceramic pieces on the fresh gel adhesive, pressing them gently until making complete contact with the entire surface, flattening the grooves.
5. For the treatment of joints between tiles both indoors and outdoors, as well as perimeter and structural joints, follow the instructions for use defined in the tables of the UNE-EN 138002 standard.



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PRECAUTIONS AND RECOMMENDATIONS

- Do not apply on facades or on poorly cohesive and weak supports.
- Do not apply at temperatures below 5°C or above 45°C.
- Do not apply with 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 extended 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 laying regulations UNE-EN 138002 and in accordance with the instructions that appear in the technical data sheet. For any doubt, 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.

PACKAGING

Aplicagel Flex Premium is presented in 25 kg BOPP bags (biaxially oriented polypropylene), formed on shrink-wrapped pallets in 1.400 kg (56 bags).

TECHNICAL CHARACTERISTICS

Mixing water:	8,5-9,5 l/bag
Granulometry:	< 0,6 mm
Rectification time:	60 min
Useful life time:	3 h
Adhesion under normal conditions:	≥ 1,0 Mpa
Adherence after water cycles:	≥ 1,0 Mpa
Adhesion after heat cycles:	≥ 1,0 Mpa
Adherence after freeze-thaw cycles:	≥ 1,0 Mpa
Adhesion after open time 30 min:	≥ 0,5 Mpa
Glide:	< 0,5 mm
Transverse deformation (flexibility):	≥ 2,5 mm
Trafficability (20°C):	20 h
Grouting (20°C):	20 h
Application thickness:	3 - 20 mm
Yield per mm of thickness:	1,13 Kg/mm ²

NOTE

The 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 conditions of use. Since the application conditions are not controllable on our part, the information in this file does not imply responsibility of the company.