



# Capagel Flex Premium C2 TE S1

- Overlaying and special large formats.
- Fibre-reinforced.
- Thixotropic and special high thickness adhesive.
- Ecological and compatible with plaster supports.
- Dust reduction by 90%.

## DESCRIPTION

**Capagel 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. Suitable for laying ceramic tiles, porcelain tiles, glazed stoneware "gresite" and natural stones of all kinds. 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.

## 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/sack) mechanically until obtaining a homogeneous and workable consistency.
- 2 Allow the kneaded adhesive to rest for 5 min and re-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 indications for the use of nests 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) drying occurs faster than normal, causing a reduction in the open time of application.
- In case 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 any tile placed and observing that it is well adhered.
- Apply the product following the indications contained in the UNE-EN 138002 laying 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 container, protected from moisture.

## PACKAGING

Capagel Flex Premium is presented in 25 kg BOPP bags, formed on shrink-wrapped pallets in 1000 kg, 1400 kg and 1600 kg formats.

## TECHNICAL FEATURES

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

## 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.