

Why FixoTile **GEL** technology?

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FixoTile tile adhesives with Gel technology stand out for their exceptional plasticity, high adhesive strength, and durability under challenging conditions. They offer advantages that make them ideal for the most demanding applications. Specifically:

— **Plasticity and Easy Application**

FixoTile adhesives with Gel technology are exceptionally easy to apply. They maintain their volume during application, with minimal slip, even on vertical surfaces.

— **Flexibility & Resistance to Stresses**

FixoTile Gel, and especially FixoTile Gel Max, provide enhanced flexibility, making them the ideal choice for applications on surfaces subject to mechanical stress or temperature fluctuations.

— **Water Absorption**

The hybrid GEL technology by KRAFT Paints uniquely combines the hydration mechanisms of macromolecular organic copolymers with modified inorganic stabilizers. This ensures improved adhesion and extended workability time, facilitating uniform application, especially during hot or dry weather conditions.

— **Resistance to Extreme Conditions**

They have improved resistance to moisture, frost, and temperature fluctuations, making them the ideal choice outdoor applications or any surface exposed to water.

— **Stability and High Adhesion**

They provide excellent adhesion to all types of surfaces, whether porous or smooth, including large-format tiles, very thin tiles, or tiles subjected to mechanical stress.

— **Fine Granulation**

The GEL adhesives by KRAFT Paints have an exceptionally fine granulation, a key feature necessary for bonding very small tiles (mosaic or thin tiles).

FixoTile **FAMILY**



Hybrid, high-performance, flexible resin-based cementitious tile adhesive with Gel technology



Hybrid, high-performance, resin-based cementitious tile adhesive with Gel technology



Flexible, high-performance, resin-based cementitious tile adhesive



High-performance, resin-based cementitious tile adhesive



Cementitious adhesive for ceramic tiles



Cementitious adhesive for ceramic tiles for interior applications

For more information, please contact our Technical Support Department or consult the product technical brochures

TILE ADHESIVES FixoTile **GEL** TECHNOLOGY



Tile Adhesives with excellent workability, adhesion, and stability of **GEL** technology

C2TE & C2TE S1



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DRIVEN BY INNOVATION

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FixoTile GEL & GEL MAX

Hybrid, high-performance, resin-based, cementitious tile adhesives with GEL technology.

GEL technology in tile adhesives represent the most modern and advanced solution for tile installation, offering high performance combined with exceptional ease of application thanks to their unique creamy texture.

The hybrid GEL technology by KRAFT Paints uniquely combines the hydration mechanisms of macromolecular organic copolymers with modified inorganic stabilizers, creating adhesives with highly competitive characteristics:

- Complete wetting effect on to tiles
- High thixotropy
- Volume stability during the tile-fixing
- Zero vertical slip (T)
- Exceptionally extended open time (E)
- Excellent workability
- Extremely low emission of Volatile Organic Compounds (VOCs), certified with the highest **EMICODE® EC1^{PLUS}** rating



FixoTile GEL



FixoTile GEL, classified as C2TE, is a high-performance, resin-based, cementitious white tile adhesive with zero slip and extended open time.

Its hybrid technology combines specifically modified inorganic additives with synthetic macromolecular spherical water-swellable copolymers. When mixed with water, these activate the GEL mechanism.

It contains natural hydraulic binding agents (Recycled Green Technology), which enhance workability and provide an extended open time.

It stands out for the following unique features:

- Excellent adhesive strength.
- Easy application and handling due to its exceptional plasticity.
- High resistance to moisture and temperature fluctuations.
- Suitable for bonding both absorbent and non-absorbent decorative tiles in swimming pools, walls, and floors.
- Ideal for high adhesion and moisture resistance requirements (e.g., large-format tiles, rooftops, balconies, bathrooms).
- Suitable for floors with underfloor heating.
- Extremely low emission of Volatile Organic Compounds (VOCs), with the highest **EMICODE® EC1^{PLUS}** certification.
- Application thickness up to 20mm.

C2TE

FixoTile GEL MAX



FixoTile GEL MAX, classified as C2TE S1, is a flexible, high-performance, resin-based, cementitious white tile adhesive with zero slip and extended open time.

Its hybrid technology combines specially modified inorganic additives with synthetic macromolecular spherical copolymers for water swelling, which activate the GEL mechanism when mixed with water.

It contains natural hydraulic binding agents (Recycled Green Technology), improving workability and providing an extended open time for bonding.

It stands out for the following unique features:

- Increased flexibility in shock absorption and prevention of cracking on surfaces exposed to temperature fluctuations or mechanical stress, such as rooftops and floors with underfloor heating.
- Suitable for bonding both absorbent and non-absorbent decorative tiles (e.g., granite, natural stone, porcelain, etc.).
- Easy application and handling due to its exceptional plasticity.
- Resistance to extreme weather conditions and moisture.
- Ideal for high adhesion and moisture resistance requirements (e.g., large-format tiles, swimming pools, rooftops, balconies, bathrooms).
- Extremely low emission of Volatile Organic Compounds (VOCs), with the highest **EMICODE® EC1^{PLUS}** certification.
- Compatible with flexible cementitious waterproofing (EN 14891).
- Application thickness up to 20mm.

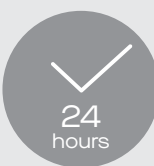
C2TE S1



Gel Effect
After the addition
of water



Open
application
time



Grouting
time



Depending on the size
of the tile and the
application surface



For interior and
exterior surfaces
(floors and walls)



7-8
lt/25 kg