
Pixel® Precision

Technical Specifications



Adhesive-decorative gel, waterproof, stain-resistant and UV-resistant, for laying and grouting steps, corners and edges of all types of tiles and natural stone. Quick-setting

Product description

Ready-to-use, two-component adhesive-decorative gel in a cartridge for finishing corners, edges and steps, and for the rapid and durable bonding of a wide range of materials such as porcelain stoneware, marble, natural stone, granite, quartz, etc.

The Gel is optimised to deliver extremely high levels of adhesion in challenging environments, high-traffic areas and on technical surfaces.

Thanks to its ultra-fast curing, it allows the cutting and polishing of bonded pieces as early as 45–60 minutes after application.

Waterproof, stain-resistant and UV-resistant.

Performance

Excellent resistance to weathering, ageing and UV rays

Ready to use

Excellent adhesion without primer on all typical industrial and construction materials

Quick and easy application

Easy to polish

Rapid curing

Product subject to no restrictions on transport by road, sea, air or rail

Materials

Porcelain stoneware
Ceramic tiles
Large formats
Laminated stoneware slabs
Marble – Granite – Stone materials
Natural stone
Ceramic and glass mosaics
Resin- or cement-based composites

Uses

Bonding and grouting of marble, natural stone, tiles, porcelain stoneware and engineered quartz. Creating steps, corners and edges. Suitable for use in challenging environments such as external steps, balconies, terraces and high-traffic flooring.

Preparation of substrates

The surfaces to be sealed or bonded must be perfectly clean, dry and free from dust, grease, oils and old paint. For glossy and/or smooth surfaces, it is advisable to sand the substrate before bonding.

Application

Remove the top of the threaded section of the cartridge and remove the cap. Attach the mixer to the cartridge using the special threaded nozzle. Before proceeding with bonding, it is advisable to remove the first 5 cm of the product. Repeat this procedure every time you replace the mixer with a new one. Extrude the Gel at a constant pressure and apply directly to the area to be bonded or grouted. After use, clean the nozzle, close the cartridge and dispose of the mixer.

Limitations

Apply the product at temperatures between +5°C and +30°C
In hot weather, store the product packs in a cool place away from direct sunlight before use
Squeeze out approximately 5 cm of gel
Mix the gel in accordance with the specified proportions
Do not use the product for applications not listed on this technical data sheet
For further information, please contact Litokol's Technical Customer Service on +39-0522-622811 or via customercare@litokol.com.

Product specifications

Appearance	Thick coloured gel
Colours	See colour chart
Customs classification	35069190
Packaging	215 ml cartridge – Packs of 2 cartridges + 4 mixers
Shelf life	24 months in the original packaging, away from heat sources and direct light. Keep away from frost.
Shelf life (Crystal)	20 months in the original packaging, away from heat sources and direct light. Do not expose to frost.

Technical Specifications

Shore D hardness	80
Adhesion to ceramic after 1 hour	10 MPa
Adhesion to ceramic after firing at 50°C for 12 hours	13.5 MPa

Application Specifications

Mixing ratio	2:1
Consistency of the mix	Thixotropic paste
Specific gravity	1.27 kg/dm ³
Gel time	3–5 minutes
Curing time	25 minutes at +23°C
Permissible application temperatures	From +5°C to +30°C
Operating temperature	From -25°C to +60°C
Minimum curing temperatures	+1°C
Workability time (minimum time before polishing)	45–60 mins at 23°C

Colour chart

02 Sabbia Bianca	12 Nero Antico
08 Terra di Bruma	21 Calce di Marrakech
10 Ardesia	00 Crystal

Safety Information

For the safe use of our products, please refer to the latest version of the Safety Data Sheet, available at www.litokol.com
PRODUCT FOR PROFESSIONAL USE

Legal notices

The information and specifications contained in this technical data sheet are based on our best experience.

However, as we are unable to directly influence site conditions or the execution of the works, these are general guidelines which do not in any way bind our Company.

We therefore recommend carrying out a preliminary test to verify the product's suitability for the intended use; in any case, anyone intending to use it is required to determine whether or not it is suitable for the intended use and, in any event, assumes all liability that may arise from its use.

Always refer to the latest updated version of the Technical Data Sheet, available on the website www.litokol.com

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