
Pixel[®] 3D

Technical specifications



Pro Anti-Stain Sealant. For bathrooms, shower enclosures, kitchens, glass windows, fixtures, doors and windows and for sealing non-porous materials such as glass, ceramic and aluminium.

Product description

Professional acetic acid cross-linking stain-resistant sealant for the permanently elastic sealing of joints between tiles, porcelain stoneware, slabs and mosaics in indoor and outdoor floor and wall applications.

3X adhesion: formulated to be applied without the need for any adhesion promoter primer, it allows for perfect sealing in bathrooms, shower enclosures, sanitary fixtures, kitchens, glass windows, fixtures and doors and windows.

Suitable for sealing expansion joints even in severe operating conditions, such as swimming pools and façades.

Chemistry + intelligent

Solvent and isocyanate free.

Not dangerous for applicators according to the CLP regulation

Ready-to-use, reusable, prevents waste and material scraps.

Very low emissions of volatile organic compounds - VOC

Certifications

INT-EXT CC EN 15651-1

G CC EN 15651-2

S EN 15651-3

EC1 Plus Gev Emicode

A+ Emissions dans l'air intérieurs

Materials

Porcelain stoneware
Ceramic and porcelain tiles
Recomposed stone made with resin or cement
Terracotta - Clinker
Ceramic and vitreous mosaics
Slabs
Aluminium

Uses

Sealant
Floors - walls
Interiors - exteriors
Underfloor heating systems
Indoor wet areas - bathrooms and showers
Tanks, swimming pools, fountains
Terraces and balconies
SPA and Hammam
Façades
Residential, public, commercial and street furniture

Limitations

Apply the product at temperatures between +5°C and +35°C
In warm climates, keep the packaged product in a cool and dry place away from the sun before use
Minimum quantities of acetic acid are slowly released during setting, so it is necessary to ensure good ventilation
Vulcanisation times are proportional to the thickness of the silicone joint
Do not use in contact with marble and natural stone
Avoid contact with bituminous or plasticising materials such as butyl, EPDM, neoprene, bituminous and insulating felts
To repair joints affected by mould, the existing elastic grout must be completely removed
The product cannot be overpainted
Do not use the product for applications not indicated in this Technical Data Sheet
For further information, contact the Litokol Technical Help Service at +39-0522-622811 or via customer care@litokol.com

Product specifications

Appearance	Thick coloured paste
Colours	See colour chart
Responsible packaging	300 ml post-consumer recycled plastic cartridge
Customs code	32149000
Shelf life	24 months in original packaging away from sources of heat and direct sunlight. Protect against frost.

Technical specifications

Set to thickness	3 mm	24 hours
Shore hardness A	22	ISO 868
Elastic modulus at 100%	$\geq 0.4 \text{ N/mm}^2$	ISO 8339
Elongation at break	250%	ISO 8339
Tensile strength	$\geq 0.7 \text{ N/mm}^2$	ISO 8339
Permissible overall deformation	25%	ASTM C920
Class	25 LM	ISO 11600 F

Specifications for application

Polymerisation	Acetic acid cross-linking
Consistency of mix	Thixotropic paste
Specific gravity	0.99 kg/dm^3
Film-forming time	Approx. 15 minutes
Setting in 24 hours	2-3 mm
Application temperatures	From +5°C to +40°C
Recommended application temperatures	From +15°C to +25°C
Temperature of use	From -40°C to +150°C
Ready for light foot traffic	24 hours at T=+23°C
Ready for use	5 days at T = +23°C

Application

Remove the top part of the threaded part of the cartridge, screw in the plastic nozzle and cut it to the right angle depending on the desired diameter and profile.

Insert the cartridge into the Power Gun and extrude the sealant, without trapping air.

Once opened, the packages must be used in a relatively short time.

The ideal operating temperature for the substrate and grout is between 15°C and 25°C.

The joints must be finished within the grout open time.

Avoid contact with solvents during cross-linking.

Given the many factors influencing the workability and application of the product, the user should always perform a test application.

Calculation of consumption

Depth	Linear metres of joint possible with a 300 ml cartridge				
	Width	Width	Width	Width	Width
6 mm	6 mm	8 mm	10 mm	15 mm	20 mm
5 mm	$\pm 10 \text{ m}$	$\pm 8 \text{ m}$	$\pm 6 \text{ m}$	-	-
7 mm	-	$\pm 6 \text{ m}$	$\pm 4.5 \text{ m}$	$\pm 3 \text{ m}$	-
10 mm	-	-	$\pm 3 \text{ m}$	$\pm 2 \text{ m}$	$\pm 1.5 \text{ m}$
15 mm	-	-	-	$\pm 1.5 \text{ m}$	$\pm 1 \text{ m}$
20 mm	-	-	-	$\pm 1 \text{ m}$	$\pm 0.8 \text{ m}$

Colour chart

The Colours of the Earth - Selection of Colours curated by Piero Lissoni

02 Sabbia Bianca	35 Arenaria
04 Pomice di Lipari	27 Caolino
20 Limo Del Nilo	28 Dune
06 Nebbia	21 Calce di Marrakech
07 Cenere	29 Terra di Borgogna
08 Terra di Bruma	31 Terra Fumicata
10 Ardesia	30 Argilla di Cipro
12 Nero Antico	22 Terra di Volterra
13 Argilla Bianca	24 Argilla Bruciata
26 Bianco di Spagna	34 Terracotta

The colours are for indicative purposes only.

Safety information

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

Legal notes

The information and specifications contained in this technical data sheet correspond to our best experience.

Given the impossibility of directly intervening on the conditions of the work site and execution of the works, they represent indications of a general nature, which are in no way binding for our Company.

It is therefore recommended to perform a spot test in order to check the suitability of the product for the intended use. In any case, those who intend to use the product must establish whether or not it is suitable for the intended use, and in any case assume all liability for any consequences resulting from such use.

Always refer to the latest updated version of the technical data sheet, available on the website www.litokol.com

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Litokol

Litokol Lab Spa Via G. Falcone 13/1 42048 Rubiera RE Italy
Tel. +39 0522 622811 info@litokol.com www.litokol.com