
Pixel[®] 3D-N

Technical specifications



Pro Anti-Stain Sealant. For bathrooms, shower cubicles, kitchens, glass windows, fixtures, doors and windows and for sealing delicate materials such as marble and natural stone

Product description

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

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

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

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
Vulcanisation times are proportional to the thickness of the silicone joint
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 customercare@litokol.com

Product specifications

Appearance	Thick paste
Colours	Transparent - Crystal
Responsible packaging	300 ml post-consumer recycled plastic cartridge
Customs code	32149000
Shelf life	15 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%	$\geq 0.37 \text{ N/mm}^2$	ISO 8339
Elongation at break	300%	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	Neutral cross-linking
Consistency of mix	Thixotropic paste
Specific gravity	1.02 kg/dm^3
Film-forming time	Approx. 25 minutes
Setting in 24 hours	2-3 mm
Application temperatures	From +5°C to +35°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	± 10 m	± 8 m	± 6 m	-	-
7 mm	-	± 6 m	± 4.5 m	± 3 m	-
10 mm	-	-	± 3 m	± 2 m	± 1.5 m
15 mm	-	-	-	± 1.5 m	± 1 m
20 mm	-	-	-	± 1 m	± 0.8 m

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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