HydroPixel
Technical specifications

Super Sealant Pro multi-purpose adhesive for bonding, joining and sealing any material on any substrate, even damp

Product description

Super Sealant Pro multi-purpose elastic adhesive for bonding, joining and sealing any material on any substrate, even damp: it achieves high adhesion performance while maintaining elastic deformation ability.
It cross-links using atmospheric humidity to form high-performance, permanently flexible elastic sealing.
Solvent and isocyanate free.
Suitable for indoor and outdoor applications on floors and walls even in severe operating conditions. Featuring excellent adhesion without primer on all typical industrial and building materials
It bonds on wet surfaces and underwater and it can be overpainted with most water-based and solvent-based paints (preliminary tests are recommended in all cases)

Certificate F EXT-INT CC according to EN 15651-1
Certificate XS3 CC EN according to 15651-3
Certificate PW EXT-INT CC according to EN 15651-4

Chemistry + intelligent

Solvent and isocyanate free.
Does not contain cement and acetic polymers
Not dangerous for applicators according to the CLP regulation
Continuous system free from rubber, plastic and PVC (rolls, meshes and tapes)
Ready-to-use, reusable, prevents waste and material scraps
Very low emissions of volatile organic compounds - VOC

Certifications

F EXT-INT CC EN 15651-1
XS3 CC EN 15651-3
PW EXT-INT CC EN 15651-4
EC1 PLUS Gev Emicode
A+ Émission dans l'air intérieur
ISEGA for contact with foodstuff

Substrates

Screeds
Self-levellers
Levellers
Plasters and skimming coats
Existing tiles
Underfloor heating systems
Concrete and reinforced concrete
Gypsum
Gypsum and anhydrite
Fibre cement slabs
Wood and recomposed wood panels
Metals
Plastic and PVC
Fibreglass
Lightweight panels
Existing cement-polymer waterproofing systems

Materials

Ceramic and porcelain tiles
Recomposed stone made with resin or cement
Terracotta - Clinker
Marble – Granite – Stone
Ceramic and vitreous mosaics
Insulating panels
Elements in cement
Slabs with resin backing
Flexible natural stone sheets
Wood and recomposed wood panels
Metals
Plastic and PVC
Fibreglass
Pre-formed membranes, special pre-formed tapes and pieces

Uses

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

Areas subject to high traffic and high stress

Limitations

Do not apply on uneven or excessively rough substrates. Provide a skim coat with HydroLevel®
Do not use in the presence of negative hydraulic pressures
Do not apply the product on bituminous membranes, rubber substrates or surfaces treated with resins
Refer to national regulations, such as Standard UNI 11493

Product specifications

Appearance	Thick coloured paste
Colours	Bianco
Packaging	290 ml cartridge
Customs code	32141010
Shelf life	12 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	50	DIN 53505
Elastic modulus at 100%	≥ 1.8 N/mm^2	ISO 37 DIN 53504
Tensile strength	≥ 2.6 N/mm^2	ISO 37 DIN 53504
Elongation at break	2.7	ISO 37 DIN 53504
Resistance to humidity	Excellent	
Resistance to alkalis	Excellent	
Resistance to solvents	Good	
Resistance to acids	Low	

Specifications for application

Polymerisation	Hygro-hardener
Consistency of mix	Thixotropic paste
Specific gravity	1.65 kg/l
Open time	Approx. 20 minutes
Application temperatures	From +5°C to +35°C
Recommended application temperatures	From +15°C to +25°C
Temperature of use	From -30°C to +90°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 section of the cartridge, screw on the plastic nozzle, and cut it at an angle depending on the desired diameter and profile. Insert the cartridge into a manual or pneumatic gun (equipped with a telescopic piston) and extrude the adhesive-sealant, carefully avoiding air entrapment. The ideal operating temperature for the substrate and sealant is between 15°C and 25°C. The joints must be finished within the sealant open time. The joints must be finished within the grout open time. Pay attention when using alcohol or alkyd resin as these may interfere with the setting process of the sealant and reduce the drying time of the varnish itself. The hardness and thickness of the varnish film may compromise the elasticity of the sealant and cause the varnish film to break. Do not allow polymerisation

in the presence of silicone sealants. Avoid contact with solvents during cross-linking. Since the product is hygro-hardening, allow sufficient exposure to air. The extruded product must be compacted and made to penetrate deeply to encourage best adhesion and guarantee a watertight seal; it is advisable to use a metal or plastic trowel wet with soapy water.

Warnings

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

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

Data sheet **n. 646**
Revision **n. 0**
Date: **04 25**

Litokol

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