

LR SIL-AL 402 TRANSLUCENT AND COLOURS 300 ML



EN 15651-1
EN 15651-2



PRODUCT DEFINITION

- Neutral silicone elastomeric sealant, 1 component (ALKOXY) vulcanising at ambient temperature by the action of air humidity.
- Very easy to extrude and apply.
- Very good adhesion to almost all building materials.
- Permanent elasticity.
- Good resistance to low and high temperatures.
- Very good resistance to aging and weathering.
- Very good resistance to UV rays.
- Very low VOC emissions: class A+.
- Low odour.

APPLICATION

- Adheres without primer to almost all materials used in the building, such as: aluminium, concrete, hard polystyrene, brass, bronze, steel, stainless steel, galvanized steel, tiles, treated wood, PVC, etc.
- On alkaline surfaces such as concrete and brick, the application of a primer is recommended.

MATERIAL & FINISH

Composition :

- Polysiloxanes.

INSTALLATION

Preparation of the support:

- Surfaces should be solid, dry and clean.
- If necessary, degrease with alcohol or ethanol, or if necessary, apply a primer. It is advisable to test the adhesion, the user must ensure that the product used is suitable for use.

Application:

- Apply the sealant with a manual or electric gun.
- The size and shape of the joint are very important. Avoid thin joints.
- Do not apply in confined spaces. It is important to ventilate closed areas well during application and hardening.
- Do not apply any thermal, mechanical, or chemical load until complete hardening.
- Smooth before skin formation with a palette moistened with the smoothing agent and/or a smoothing palette.
- Avoid the tooling agent on the surface before applying silicone. Silicone does not adhere to a wet surface.

Joint dimensions:

- Permissible joint width: 5 to 30 mm.

Width	Depth	Tolerated difference
≤ 10 mm	= joint width	± 1 mm
> 10 mm	= (joint width / 3) + 6 mm	± 1 mm

Cleaning:

- ATDSer hardening: mechanically remove the hardened elements.

Recommended installation tools:

- Milwaukee C18PCG-310 201B Battery-powered Sealant Gun (code: 322 474)
- Manual sealant gun type hex rod (code: 493 150)

Related Products:

- LR WATER SEAL 290ml (refer to TDS n° 3034)
- LR WATER JOINT 290ml (refer to TDS n° 4377)
- LR SIL FIRE 310ml (refer to TDS n° 3082)
- SILICONE COLOR 310ml (refer to TDS n° 3129)
- LR STONE 310ml (refer to TDS n° 0483)
- LR CRYL 310ml (refer to TDS n° 4376)
- LR COL 310ml (refer to TDS n° 3096)
- GLR PU 310ml (refer to TDS n° 4378)

⚠ Employment Limits:

- Not suitable for permanent immersion.
- Not suitable for mirrors.
- Not suitable for use on bituminous surfaces.
- Not suitable for use on PE, PP, PA, PTFE (Teflon).
- Not suitable for use on polyacrylate and polycarbonate.
- Not suitable for use on natural stone (may cause stains). On natural stone, use LR STONE.
- The colours may turn slightly yellow due to a total absence of UV rays, or by contact with smoke or detergents.
- Cannot be painted.
- Not suitable for sanitary applications (not antifungal).
- Compatible with most perimeter seals and laminated glass PVB films. Due to the many systems on the market and because their composition can change, compatibility is not guaranteed with all glazing sealants.

PERFORMANCE

Technical characteristics

Density (ISO 1183)	1.25 g/ml
Processing temperature	+5°C to +40°C
Temperature resistance	-50°C to +150°C
Hardening system	Moisture cross-linking
Hardening speed	3 mm after 24 hours at 23°C and 50% RH
Skin formation	5 min at 23°C and 50% RH
Hardness (ISO 868)	25 Shore A
Elastic recovery (ISO 7389)	> 90%
Working Amplitude (ISO 11600)	25%
100% elongation module (ISO 8339)	0.35 N/mm ²
Breaking strength (ISO 8339)	300%
Shelf life of unopened product	12 months
Storage conditions	Store in a dry and cool place at +5°C to +25°C. Keep out of direct sunlight.
Reaction to fire	E-Class

DIMENSIONS & CODES

Colour	Cartridge (ml)	Code*
Translucent	300	492 241
White	300	492 242
White	300	492 243
Dark Grey	300	492 244
Beige	300	492 245
Chestnut	300	492 246
Anthracite	300	492 247
Bronze	300	492 248
Black	300	492 249

* Supplied with a cannula

CONFORMITY

- SNJF Facade 25 E + Glass 25 E according to the certificate in force (Société National du Joint Français).
- CE certificate according to EN 15651-1 and EN 15651-2 (DoP Nos. LRSIL_AL402T & LRSIL_AL402C).
- VOC emission: Class A+.
- Safety Data Sheet (SDS) available.

MARKING & LABELLING

- On packaging, translucent sealant: LR SIL-AL 402T Silicone + CODE.
- On packaging, colour sealant: LR SIL-AL 402C Silicone + COLOR + CODE.

QUALITY CONTROL

- ISO 9001 certified quality management system according to the certificate in force.

NOTE

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Registration date: 16/10/2024 – Revision A

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