PARASILICO PL T



CHARACTERISTICS

- Neutral alcoxy curing, 1-component silicone sealant (RTV-1)
- Very easy to apply
- Excellent adhesion to plastic substrates, no stress cracking
- Excellent adhesion to almost all building materials
- Permanent elasticity
- High resistance to ageing, weather conditions and low and high temperatures, UV

APPLICATIONS

- Bonding and sealing of plastic substrates (except PE, PP or PTFE) on most common building and industrial substrates, without the use of a primer. On PMMA the use of a primer is necessary.
- Excellent performance and adhesion on both polycarbonate and polyacrylate materials providing it is used in accordance with the plastics manufactures recommendations.

TECHNICAL CHARACTERISTICS	
Uncured sealant	
Type of sealant	Polysiloxanes
Curing system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	25 min.
Curing rate (23°C and 50% R.H.)	1 mm after 24h
Density: ISO 1183	1,03 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	12 months
Cured sealant	
Shore A hardness: ISO 868	16
Elastic recovery: ISO 7389	>90%
Deformation capability: ISO 11600	25%
Modulus at 100% elongation: ISO 8340	0,32 N/mm²
% Elongation at break: ISO 8339	300%
Temperature resistance	-50°C - +100°C

PACKING AND COLOURS Other colours are available on request
12 cartridges of 300 ml/box - 100 boxes/pallet
25 cartridges of 300 ml/box - 48 boxes/pallet
Transparent
20 foil packagings of 600 ml/box - 45 boxes/pallet
Transparent, black

METHOD OF USE

Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with **Parasilico Cleaner,** MEK, alcohol or ethanol. If necessary, use a primer. On PMMA the use of a primer is necessary. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application.

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.

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Primers

Porous surfaces	**Silicone Primer Porous Surfaces**	Transparent	Drying time (approx.) 60 min.
Non porous surfaces	**Silicone Primer Non-porous Surfaces**	Transparent	Drying time (approx.) 60 min.

Application
- With a sealant gun (manual or pneumatic). The size and shape of the joint is very important. Avoid thin joints.
- Use in well-ventilated rooms. Good ventilation is important during application and curing of the product.
- Do not subject the joint to thermal, mechanical or chemical stress before curing is complete.

Joint dimensions
- Suitable joint width: from 5 mm to 30 mm.
- Joints with a width of up to 10 mm: joint depth must be equal to joint width.
- Joints wider than 10 mm: joint depth = (joint width/3) + 6 mm.

Tooling
- If desired, smooth surface before skin formation with the **Perfect Joint Tooling Agent** and/or the **Perfect Joint Tool**.
- Avoid that tooling agent ends up on the surface before applying the silicone. Silicone does not adhere to a damp surface.

Cleaning
- Before curing: Tools, surfaces and uncured residues can be removed with **Parasilico Cleaner, Multi-Purpose Super Cleaner** or **Cleaning Wipes.**
- After curing: Remove cured sealant mechanically. Remainder of silicone can be removed with **Silicone Remover**.

Repairing
With the same product.

SAFETY
Refer to the packaging or safety data sheet for additional information.

POINTS OF ATTENTION
- Not suitable for applications with permanent water contact.
- For sanitary applications we recommend **Parasilico Sanitair N (T)** or **Parasilico Premium T**.
- No adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.
- Do not use on natural stone (staining). We recommend **Parasilico NS (T)** on natural stone.
- We recommend **Paracol Miroseal** for gluing mirrors.
- Not paintable: see **Parasilico VP (T)**.
- Do not use as a glazing sealant.

TECHNICAL APPROVALS



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

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