

Parasilico Cristal

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DESCRIPTION

PARASILICO CRISTAL is a non-toxic, solvent-free, low modulus, multipurpose, one component silicone sealant (RTV-1), based on an acetic curing system.

PARASILICO CRISTAL has a high resistance to ageing, low and high temperatures (- 60°C to +180°C). **PARASILICO CRISTAL** becomes clear after full curing.

APPLICATIONS

PARASILICO CRISTAL has an adhesive strength on most dry and clean surfaces such as aluminium, glass, ceramics, etc. Also suitable for the bonding of glass, lighting domes, etc.

JOINT DIMENSIONS

Joint width	Joint depth	Allowed difference
3-4 mm	4-5 mm	± 1 mm
6 mm	6 mm	± 1 mm
8 mm	6 mm	± 1 mm
10 mm	6-8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	10-12 mm	± 2 mm
25 mm	15 mm	± 3 mm

PROCESSING TEMPERATURE

Between +5°C and +40°C.

PREPARATION

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

PRIMERS

		Colour	Curing time (approx.)
Porous substrates	DL 783	Transparent	60 min.
Non porous substrates	Primer DL 435.10	Transparant	30 min.

TOOLING

When needed with **DL100** or tools.

CLEANING

Before curing:

- a) tools : with white spirit or solvent
- b) surfaces : with **Parasilico Cleaner**

After curing:

Remove as much as possible mechanically; the remainders of the silicone with **Silicone Remover**.

REPAIRING

With the same product.

COLOURS

Transparent.

SHELF LIFE

Min. 12 months if kept in the original packing and stored in cool and dry conditions between +5°C and +25°C.

PACKING

25 cartridges of 310 ml/box - 48 boxes/pallet
25 sausages of 400 ml/box - 48 boxes/pallet
20 sausages of 600 ml/box - 45 boxes/pallet

LIMITATIONS

Use in well ventilated rooms. Do not expose to thermal, mechanical or chemical influence before complete curing. Good ventilation is important during application and curing of the product. Parasilico Cristal cannot be overpainted.

- On natural stone: **Parasilico NS** is recommended.
- On mirrors: **Miroseal** is ideal.
- On polyacrylate en polycarbonate: Please use **Parasilico PL**.
- Structural glazing: Please consult our technical service department.
- For painting sealant surface: Refer to **Parasilico VP**
- For sanitary applications : **Parasilico Sanitary -N** is recommended.

METHOD OF USE

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers.

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SAFETY

The application should take place in well-ventilated rooms, so that cross linker vapours can escape. These cross linker vapours may not be inhaled during long periods of time or in high concentrations.

Avoid prolonged contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Avoid contact with food as long as the sealant is uncured.

Refer to our safety data sheet.

TECHNICAL CHARACTERISTICS

Uncured sealant

Type of sealant	Polysiloxanes
Curing system	Through moisture in the air
Skin forming time (23°C en 50% R.H.)	16 min
Curing rate (23°C en 50% R.H.)	1-2 mm / 24 hrs
Density (ISO 1183)	1.00 g/ml

Cured sealant

Shore A hardness (ISO 868)	19
Elastic recovery (ISO 7389)	> 90 %
Deformation capability	20 %
Modulus at 100% elongation (ISO 8340)	0.39 N/mm ²
Elongation at break (ISO 8339)	130 %
Temperature resistance	-50°C / + 150°C

