



CHARACTERISTICS

- Neutral oxime curing, 1-component silicone sealant (RTV-1)
- Very easy to apply
- Excellent adhesion to almost all building materials
- Permanent elasticity
- High resistance to ageing, weather conditions and UV
- Meets the requirements of FDA code 21 §177.2600 (e) for food contact
- Mould resistant

APPLICATIONS

- Connective joints in the building industry.
- Can also be used for sanitary applications and cold stores.
- Has an adhesive strength without primer on the majority of materials used in building and engineering industries such as treated wood, aluminium, abs, steel, stainless steel, anodised steel, hard PVC, glass, etc. On absorbent surfaces such as concrete, bricks... a primer is recommended.

TECHNICAL CHARACTERISTICS

Uncured sealant

Type of sealant	Polysiloxanes
Curing system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	15 min. (Detasil Construct) 12 min. (Detasil Construct T)
Curing rate (23°C and 50% R.H.)	2,5 - 3 mm after 24h
Density: ISO 1183	1,40 g/ml (Detasil Construct) 1,00 g/ml (Detasil Construct T)
Processing temperature	+5°C - +40°C
Shelf life, in original packing in dry conditions between +5°C - +25°C	15 months

Cured sealant

Shore A hardness: ISO 868	28 (Detasil Construct) 12 (Detasil Construct T)
Elastic recovery: ISO 7389	> 90%
Deformation capability: ISO 11600	20%
Modulus at 100% elongation: ISO 8339	0,67 N/mm ² (Detasil Construct) 0,32 N/mm ² (Detasil Construct T)
% Elongation at break: ISO 8339	150% (Detasil Construct) 200% (Detasil Construct T)
VOC	< 100 g/l
Temperature resistance	-50°C - +150°C

PACKING AND COLOURS

25 cartridges of 300 ml/box - 48 boxes/pallet

Detasil Construct: White, RAL 9010 pure white, RAL 7004 grey, RAL 9002 grey white

Detasil Construct T: Transparent, transparent grey

METHOD OF USE

Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with **Parasilico Cleaner**, MEK,

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alcohol or ethanol. If necessary, use a primer. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application.

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 (Maximum joint width: 30 mm)

Joint width	Joint depth	Allowed difference
3-4 mm	3-4 mm	± 1 mm
6 mm	6 mm	± 1 mm
8 mm	8 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
30 mm	18 mm	± 3 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.

LIMITATIONS

- Not suitable for expansion joints with a motion amplitude >20%.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.
- Do not use as a glazing sealant.
- Not compatible with the edge seal of insulating glazing and the PVB film of safety glass. Avoid direct contact.
- White colours and transparent can yellow light in the total absence of UV light or through contact with smoke or detergents.
- Not suitable for applications with permanent water load.
- For sanitary applications, Parasilico Prestige (T), Parasilico Sanitair N (T) or Parasilico Premium T is recommended.
- Use Parasilico Prestige Colour T in swimming pool applications.
- Do not use on natural stone (staining). On natural stone use Parasilico Prestige (T) or Parasilico NS (T).
- Use Paracol Miroseal for gluing mirrors.
- Use Parasilico PL T on polyacrylate and polycarbonate.
- On PE, PP, PTFE (Teflon®) and bituminous substrates there is no adhesion.
- Not paintable.

TECHNICAL APPROVALS

- CE
- Meets the requirements of the standards: ISO 11600 F&G - 20 LM
- FDA code 21 §177.2600 (e) (lanesco report No. 13/03585)



* 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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DL Chemicals

EN 15651-1
F EXT - INT
EN 15651-3 S
No. DoP (Colours):
MP0020040
No. DoP (transparent base):
MP0020039

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