TECHNICAL DATA SHEET

PARASILICO VP (T)

CHARACTERISTICS

- Neutral alcoxy curing, 1-component silicone sealant (RTV-1)
- Paintable with wood paints that meet the VOC 2010 regulations
- Very easy to apply
- Excellent adhesion to almost all building materials
- Suitable for natural stone (no staining)
- Permanent elasticity
- High resistance to ageing, weather conditions, low and high temperatures and UV
- Has an adhesive strength without primer on the majority of materials used in building and engineering industries such as treated wood, aluminium, steel, abs, stainless steel, anodised steel, hard PVC, etc. On absorbant surfaces such as concrete, bricks, a primer is recommended.

APPLICATIONS

- Suitable for connection and expansion joints inside and outside.
- Suitable for sealing insulating glazing and security glazing.
- Suitable for top and heel seals of insulating glass and laminated glass according to the Dutch Placement Directive NPR 3577.

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. (VP) • 15 min. (VP T)
Curing rate (23°C and 50% R.H.)	2 mm after 24h
Density: ISO 1183	1,22 g/ml (VP) • 1,02 g/ml (VP T)
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	26 (VP) • 19 (VP T)
Elastic recovery: ISO 7389	>90%
Deformation capability: ISO 11600	20%
Modulus at 100% elongation: ISO 8339	0,5 N/mm² (VP) 0,37 N/mm² (VP T)
% Elongation at break: ISO 8339	150% (VP) • 300% (VP T)
Temperature resistance	-50°C - +150°C

PACKING AND COLOURS Other colours are available on request (75 cartridges or multiples).
12 cartridges of 300 ml/box - 100 boxes/pallet
25 cartridges of 300 ml/box - 48 boxes/pallet
Parasilico VP (coloured base): RAL 7004 signal grey, RAL 8007 light brown, RAL 8016 dark brown, RAL 9010 white, RAL 9011 black, RAL 9016 traffic white **Parasilico VP T (transparant base):** Transparent
20 sausages of 600 ml/box - 45 boxes/pallet
Parasilico VP (coloured base): RAL 9010 white

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. 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.

DL Chemicals nv
Roterijstraat 201-203 - Zone 5 Snepbeek - 8793 Waregem - Belgium
T +32 56 62 70 51 - F +32 56 60 95 68
info@dl-chem.com - **www.dl-chem.com**

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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
- Top seal of glazing according to NPR 3577: joint width at least 5 mm, joint depth at least 5 mm.
- For applications other than glazing:
  - 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.

Painting
- Only paint after complete curing.
- Before painting, roughen the sealant softly with a scrub sponge and degrease with **Parasilico Cleaner**.
- Is not developed to be painted with water based façade and wall paints.
- Is limited paintable with synthetic and water based wood paints after complete curing. Due to great diversity of paints and possible evolutions in their composition, a compatibility test must always be carried out beforehand. Difference in elasticity between the paint and the joint sealant can affect durability.
- The surface of the sealant may be painted completely if the joints are static with max. 5% movement. If joints have > 5% movement, it is recommended to paint only 1 mm of the sealant, as the elasticity of the sealant and the paint is different.
- Drying time will be influenced by the composition of the paint. It takes a couple of weeks before the adhesion is excellent. Do not use sharp tools for the maintenance.

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

POINTS OF ATTENTION
- Not suitable for applications with permanent water contact.
- No adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.
- Tests show that **Parasilico VP (T)** is compatible with most edge seals of insulating glazing and PVB films of security glass. However, due to the large number of edge seal systems on the market and because the composition of it can be changed by the producer without mentioning, this statement does not guarantee compatibility on all glazing sealants.
- We recommend **Parasilico PL T** on polyacrylate and polycarbonate.
- White or translucent colours can yellow slightly in the absence of UV light or through contact with smoke or detergents.

TECHNICAL APPROVALS
- Parasilico VP: Komo certificate nr 33263 – meets class ISO 11 600 G 20 LM.
- CE

CE

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DL Chemicals

EN 15651-1
F EXT - INT
EN 15651-2 G
No. DoP (colour):
MP0030023
No. DoP (transparent base):
MP0030024

ÉMISSIONS DANS L'AIR INTÉRIEUR* A+ A+ A B C

* 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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