PARASILICO VP

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

APPLICATIONS

- Suitable for glazing joints, connection and expansion joints inside and outside.
- Appropriate for placing and sealing insulated glazing and security glass.
- 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 alkali surfaces such as concrete, bricks, a primer is recommended.

TECHNICAL CHARACTERISTICS

Uncured sealant	
Type of sealant	Polysiloxanes
Viscosity	Pasty
Vulcanising system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	12 min.
Vulcanisation rate (23°C and 50% R.H.)	2 mm after 24h
Density: ISO 1183	1,22 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	9 months
Cured sealant	
Shore A hardness: ISO 868	26
Elastic recovery: ISO 7389	>90%
Deformation capability: ISO 11600	20%
Modulus at 100% elongation: ISO 8339	0,5 N/mm²
% Elongation at break: ISO 8339	150%
Temperature resistance	-50°C - +150°C

PACKING AND COLOURS

25 cartridges of 310 ml/box - 48 boxes/pallet
RAL 1019 grey beige, RAL 7004 (signal) grey, RAL 7016 anthracite grey, RAL 8007 light brown, RAL 8016 dark brown, RAL 9001 cream, RAL 9010 white, RAL 9011 black, RAL 9016 traffic white
20 sausages of 600 ml/box - 45 boxes/pallet
RAL 9010 white

Other colours are available on request (75 cartridges or multiples).

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.

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Primers

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

Application

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers. Good ventilation is important during application and vulcanisation of the product.

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 Smooth the surface before skin formation with the tooling agent **DL 100** and a scraper.

Cleaning

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

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 vulcanisation. 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.

Repairing With the same product.

SAFETY Please consult the safety data sheet online: www.dl-chem.com.

LIMITATIONS

- Do not expose to thermal, mechanical or chemical influences before complete curing.
- Not suitable for applications with permanent water contact.
- No adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.
- Tests show that **Parasilico VP** 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** on polyacrylate and polycarbonate.
- A total absence of UV can cause a colour change of the sealant.

TECHNICAL APPROVALS

Komo certificate nr 33263 – meets kit class ISO 11 600 G 20 LM.
CE

CE

14
DL Chemicals

EN 15651-1
F EXT - INT
EN 15651-2 G
No. DoP colour:
MP0030023

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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