



CHARACTERISTICS

- Neutral oxime curing, 1-component weatherseal silicone sealant (RTV-1)
- Very easy to apply
- Excellent adhesion to almost all building materials
- Permanent elasticity
- Has a high resistance to ageing, weather conditions and UV

APPLICATIONS

- 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, PVC, glass*, etc. (*Can affect the butyl sealing or PVB film in double glass / insulating glass / security glass. Direct contact has to be avoided, as we cannot guarantee the compatibility of **Parasilico AM85-1** with the secondary edge seal, due to the big variety in material of this secondary edge seal.)
- Can also be used 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.)	25 min
Vulcanisation rate (23°C and 50% R.H.)	2,5 - 3 mm/24h
Density : ISO 1183	1,34 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	Min. 12 months

Cured sealant

Shore A hardness : ISO 868	22
Elastic recovery : ISO 7389	>90%
Deformation capability : ISO 11600	25%
Modulus at 100% elongation : ISO 8339	0,38 N/mm ²
% Elongation at break : ISO 8339	280%
VOC	< 100 g/l
Temperature resistance	-50°C - +150°C

PACKING AND COLOURS

25 cartridges of 310 ml/box - 48 boxes/pallet

Standard (with SNJF): RAL 9003 signal white, RAL 9010 white, RAL 9011 black, RAL 1015 light ivory, RAL 7004 grey, RAL 7005 dark grey, RAL 7035 light grey, RAL 8003 clay brown, RAL 8007 light brown (fawn brown), RAL 8016 dark brown (mahogany brown), bronze

Standard: RAL 9001 cream, RAL 1013 oyster white, RAL 7011 iron grey, RAL 7012 basalt grey, RAL 7015 slate grey, RAL 7021 black grey, RAL 7022 umbra grey, RAL 7023 concrete grey, RAL 7024 graphite grey, RAL 7032 pebble grey, RAL 7037 dusty grey, RAL 7038 agate grey, RAL 7039 quartz grey, RAL 8001 ochre brown, RAL 8014 sepia brown, RAL 8028 marron (terra brown), beige, limestone, bahama beige, ton pierre, oak

Special colours: RAL 5011 steel blue, RAL 5014 pigeon blue, RAL 6021 light green (pale green)

25 sausages of 400 ml/box - 48 boxes/pallet

RAL 9010 white

20 sausages of 600 ml/box - 45 boxes/pallet

RAL 9010 white, RAL 9011 black, RAL 7004 grey

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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.

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.

Joint dimensions

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
Maximum joint width: 30 mm		

Tooling: If desired, smooth the surface before skin formation with the tooling agent **DL 100** and a scraper.

Cleaning

- Before curing: Tools with white spirit or solvent, surfaces with **Parasilico Cleaner**.
- After curing: Remove as much as possible mechanically and remove remainders of silicone with Silicone Remover.

Repairing: With the same product.

SAFETY

Safety data sheet available on request.

LIMITATIONS

Use in well-ventilated rooms. Do not expose to thermal, mechanical or chemical influences before complete curing. Good ventilation is important during application and vulcanisation of the product.

- Not suitable for applications with permanent water contact.
- No adhesion on PE, PP, PTFE (Teflon ®) and bituminous substrates.
- For sanitary applications we recommend **Parasilico Sanitair N** or **Parasilico Premium**.
- We recommend **Parasilico PL** on polyacrylate and polycarbonate.
- Do not use on natural stone (staining). We recommend **Parasilico NS** on natural stone.
- We recommend **Paracol Miroseal** for gluing mirrors.
- Not paintable: see **Parasilico VP**.
- For insulated glazing and security glass, in combination with butyl sealing or PVB, we advise **Parasilico Pro Glass**.

TECHNICAL APPROVALS

SNJF - Société National du Joint Français: FACADE n°4395 - VITRAGE n° 4398

ATG (Belgian technical approval): ATG

Leeds certificate for low VOC (tested by Eurofins)

CE

Meets the requirements of the standards:

- ISO 11600 F&G - 15 LM
- DIN 18540 - DIN 18545-2, sealant group E



CE	
18	DL Chemicals
EN 15651-1 F EXT - INT EN 15651-2 G No. DoP: MP0020068	



* 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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CHARACTERISTICS

- Acetoxycuring, 1-component silicone sealant (RTV-1)
- Very easy to apply
- Very good adhesion to a lot of building materials
- Permanent elasticity
- Has a high resistance to ageing, weather conditions, low and high temperatures

APPLICATIONS

- For the construction of aquarium in profile glazing.
- Shows an excellent adhesion to many building materials, especially to non-porous materials (glass, ceramics, enamel, glazed tiles and clinkers) without any primer pretreatment.
- Temperature changes, tension, pressure, shear, water, etc. make high demands on the adhesion, in such cases it is recommended to apply a primer.

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.)	18 min
Vulcanisation rate (23°C and 50% R.H.)	1 - 2 mm/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	Min. 12 months

Cured sealant

Shore A hardness : ISO 868	13
Elastic recovery : ISO 7389	>90%
Deformation capability : ISO 11600	25%
Modulus at 100% elongation : ISO 8339	0,45 N/mm ²
% Elongation at break : ISO 8339	190%
Temperature resistance	-60°C - +180°C

PACKING AND COLOURS

25 cartridges of 310 ml/box - 48 boxes/pallet

Standard: Black, transparent

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.

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

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Application

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers. It is necessary to have a thickness of min. 1 mm.

Joint dimensions

See DIN 32622

Tooling

If desired, smooth the surface before skin formation with the tooling agent **DL 100** and a scraper.

Cleaning

Before curing: Tools with white spirit or solvent. 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.

SAFETY

Safety data sheet available on request.

LIMITATIONS

Use in well ventilated rooms. Do not expose to thermal, mechanical or chemical influences before complete curing. Good ventilation is important during application and vulcanisation of the product. During curing, 4% of acetic acids escape. Do not breathe crosslinker vapors for long periods or high concentrations in air.

- Do not apply on polyacrylic and polycarbonate sheets.
- Do not apply on alkaline surfaces such as stone, natural stone, concrete ...
- Do not apply to metals (copper, zinc, lead and steel) due to risk of corrosion.
- Do not apply on plastic surfaces.
- Apply **Parasilico Aquarium** only on aquaria built according to DIN 32622, max. dimensions 60 x 40 x 40cm. The correct thickness of the glass must be respected.

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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