



CHARACTERISTICS

- Neutral 1-component silicone sealant (RTV-1)
- Multifunctional 4-in-1 kit for facade, glazing, plumbing and natural stone
- Available in over 40 colours
- For indoor and outdoor use
- Excellent workability
- Permanently elastic
- Good colour stability
- High resistance to ageing, weathering and high and low temperatures
- Excellent UV resistance
- Mould resistant
- Suitable for natural stone (no staining)
- Excellent adhesion to almost all building materials, such as aluminium, glazed tiles, polyester, ABS, polystyrene, brass, steel, treated wood, hard PVC, glass, concrete, brick, natural stone, and more. A primer is recommended on absorbent surfaces and PVC.

APPLICATIONS

- Sealing of connection and expansion joints in facades, interior walls, between frame and wall, etc.
- Sealing joints in plumbing systems and damp areas such as showers, bathtubs, around washbasins, between floor and wall, etc.
- Sealing joints in kitchens: around sinks and cabinets, between bench and wall, etc. Meets the requirements of the FDA code 21 §177.2600 (e) for food contact.
- Top sealing of insulating glass, single glazed glass and laminated glass on wood, aluminium and PVC.
- As a natural stone sealant for sills, benches, window sills, tiles, curbstones, etc., made of bluestone, marble, granite...
- Sealing around mirrors.
- Sealing joints around swimming pools.
- Sealing joints in swimming pools (only for colours on a transparent basis ⁽¹⁾ provided that a primer is applied).

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.)	15 min.
Vulcanisation rate (23°C and 50% R.H.)	2,5 mm after 24h
Density: ISO 1183	Transparent base: 1,0 g/ml / Filled base: 1,31 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	15 months
Cured sealant	
Shore A hardness: ISO 868	Transparent base: 20 / Filled base: 32
Elastic recovery: ISO 7389	> 80%
Deformation capability: ISO 11600	20%
Modulus at 100% elongation: ISO 8339	Transparent base: 0,34 N/mm ² / Filled base: 0,48 N/mm ²
% Elongation at break: ISO 8339	Transparent base: 250% / Filled base: 180%
Temperature resistance	-50°C - +150°C

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.

PACKING AND COLOURS

6 cartridges of 300 ml/box - 120* boxes/pallet (subject to changes)

Transparent: Transparent^T

White tones: RAL 9001 cream, RAL 9002 grey white, RAL 9010 (pure) white, off white^T, nuance white, jasmine^T

Black tones: RAL 9005 jet black^T, black truffle

Beige tones: Light beige, pastel beige, taupe, hazelnut, limestone

Brown tones: RAL 8001 ochre, RAL 8025 pale brown, brown beige, oak

Grey tones: RAL 7002 olive grey, RAL 7006 beige grey, RAL 7016 anthracite grey^T, RAL 7035 light grey, RAL 7036 platinum grey, RAL 7047 telegrey 4, harmony grey, nordic grey, pigeon grey, rock grey, donkey grey

Metallic tones: RAL 7048E^T, RAL 9006 white aluminium^T, RAL 9007 grey aluminium^T, aluminium^T, inox^T

Green tones: RAL 6003 olive green^T, RAL 6005 moss green^T, RAL 6021 pale green, RAL 6025 fern green^T, pastel green

Blue tones: Swimming pool blue^T, RAL 5010 gentian blue^T, RAL 5014 pigeon blue^T

Red tones: RAL 3000 flame red^T, RAL 3005 wine red^T, beige red

Yellow tones: Curry

(^T) Colors on a transparent basis

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 sealant gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers. Use in well-ventilated rooms. 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

If desired, smooth 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**.

Repairing

With the same product.

SAFETY

Consult the safety data sheet online: www.dl-chem.com

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.

LIMITATIONS

- Do not subject to thermal, mechanical or chemical stress before curing is complete.
- Not suitable for applications with permanent water load (except colors on a transparent basis with the use of a primer).
- The sanitary formula is not a substitute for cleaning the joint. Heavy soiling and prolonged moist conditions can stimulate the development of fungi.
- No adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.
- Always test the adhesion on powder-coated materials, plastic and EPDM.
- To prevent stress cracks, we recommend **Parasilico PL** on polyacrylate and polycarbonate.
- Contact with plasticising materials such as butyl or neoprene can cause discolouration and/or loss of adhesion.
- Not suitable for heel sealing of double glazed or laminated glass. Not compatible with the edge sealing of insulation glazing and PVB safety glass film. Avoid direct contact.
- White or translucent colours can yellow slightly in the absence of UV light or through contact with smoke or detergents.
- Not paintable.

TECHNICAL APPROVALS

CE

FDA code 21 §177.2600 (e)

Meets the requirements of the standards ISO 11600 F&G - 20 LM



CE
20 DL Chemicals
EN 15651-1 F EXT - INT - CC EN 15651-2 G - CC EN 15651-3 S DoP filled base: MP0020077 DoP transparent base: MP0020078



* 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).

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.