



CHARACTERISTICS

- Neutral alcoxy curing, 1-component silicone sealant (RTV-1)
- Has excellent tooling characteristics for construction and exterior weather sealing applications
- Has a high resistance to ageing, weather conditions and low and high temperatures
- Very easy to apply
- Permanent elasticity

APPLICATIONS

- Exhibits excellent primerless adhesion to many materials, e.g. glass, tiles, ceramics, enamel, glazed surfaces and clinker; metals, e.g. aluminium, steel, zinc, copper; impregnated, varnished or painted wood and alkaline and porous substrates, e.g. concrete, mortar, masonry or brick; and many plastics.
- Sealing of connection and expansion joints in the building industry
- Sealing of perimeter joints
- Sealing of joints between glazing and supporting structures: frames, transoms, mullions

TECHNICAL CHARACTERISTICS	
Uncured sealant	
Type of sealant	Polysiloxanes
Viscosity	Pasty
Consistency (ISO 7390)	Non-sag
Vulcanising system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	16 min
Vulcanisation rate (23°C and 50% R.H.)	2,5 mm/24h
Density at 23°C : ISO 1183-1	1,39 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	Min. 10 months
Cured sealant	
Shore A hardness : ISO 868	19
Tensile strength : ISO 8339	0,70 N/mm ²
Deformation capability : ISO 11600	25%
Deformation capability : ASTM C920	Cat 50 (Type S)
Modulus at 100% elongation : ISO 8339	0,27 N/mm ²
Ultimate elongation : ISO 8339	300%
Temperature resistance	-40°C - +150°C

PACKING AND COLOURS
25 cartridges of 310 ml/box - 48 boxes/pallet
Black

METHOD OF USE

Preparation

The substrate areas that will be in contact with the sealant must be clean, dry and free of all loose material, dust, dirt, rust, oil and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, lint-free, cotton cloth. Remove residual solvent before it evaporates with a fresh clean, dry cloth. Users must carry out their own tests due to the great variety

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of substrates, in particular in case of plastics. The adhesion can be improved in many cases by pretreatment of the substrates with a primer. If adhesion difficulties arise please contact our technical service.

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

Tooling

When needed with **DL100** or tools.

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

- During vulcanization methanol and ethanol are released. These vapours should not be inhaled for long periods or in high concentration. Hence, good ventilation of the work place is necessary.
- Must not be used for insulating glass applications or structural glazing bonding.
- May be discoloured in contact with plasticizer releasing organic elastomers, e.g. butyl, EPDM, APTK and neoprene or bituminous substrates.
- All building materials that come in contact with **Parasilico Curtain Wall** such as solid adjacent substrates, liquids or gaseous vapours of other building materials must be compatible and must not trigger any chemical or physical changing that might result in discolouring of the sealant or deterioration of its functional capability. For any arising inquiry about the compatibility of building materials please consult the building material's manufacturer.
- For use in mechanically stressed joints where excessive physical abrasion is likely to occur, e.g. in pedestrian areas, the sealant should be slightly sunk-in below the conterminal surface.
- exude on natural stones, such as marble, granite, quartzite, and it can cause staining in contact with porous substrates such as concrete, fibrous cement and mortar: we recommend **Parasilico NS**.
- is not recommended for sealing of aquaria or for prolonged immersion in water: we recommend **Parasilico Aquarium**.
- Not suitable for food grade applications: we recommend **Parasilico Sanitair N**.
- Not suitable for mirror mounting: we recommend **Paracol Miroseal**.
- The curing time may be extended at lower temperature, lower humidity, increasing film thickness or by low volume of air exchange.
- The use of tooling agents should be avoided if possible. Otherwise, water or a diluted solution of a little neutral soap or alcohol in water should be used.

TECHNICAL APPROVALS

CE

	
14 DL Chemicals	* 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).
EN 15651-1 F EXT - INT EN 15651-2 G No. DoP: MP0020035	

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