



CHARACTERISTICS

- Fire retardant, neutral alcoxy curing, 1-component silicone sealant (RTV-1)
- Tested to BS 476: Part 20: 1987 and prEN 1366-4: 1998 in vertical linear joints up to 50 mm wide
- Product foams up if in contact with fire
- Excellent adhesion to almost all building materials
- Very easy to apply
- Permanent elasticity
- High resistance to ageing, weather conditions and UV
- Does not contain halogens and isocyanates

APPLICATIONS

- Suitable for sealing joints where high demands are made with regard to fire safety.
- Suitable for connection joints in walls and for top sealing of glazing.
- Has an adhesive strength without primer on the majority of materials used in building and engineering industries. On porous surfaces such as concrete, brick, blockwork etc., a primer is recommended.

TECHNICAL CHARACTERISTICS	
Uncured sealant	
Type of sealant	Polysiloxanes
Vulcanising system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	20 min.
Vulcanisation rate (23°C and 50% R.H.)	1 - 2 mm after 24h
Density : ISO 1183	1,40 g/ml
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	22
Elastic recovery : ISO 7389	>90%
Deformation capability : ISO 11600	25%
Deformation capability : ASTM C920	50%
Modulus at 100% elongation : ISO 8339	0,40 N/mm ²
% Elongation at break : ISO 8339	250%
Temperature resistance	-40°C - +150°C. Loses elasticity above 150°C, keeps its integrity (joint protection) up to 1150°C

PACKING AND COLOURS
12 cartridges of 300 ml/box - 100 boxes/pallet
25 cartridges of 300 ml/box - 48 boxes/pallet
White, grey

METHOD OF USE

Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with Parasilico Cleaner, MEK, or alcohol. It is recommended to apply a small test area prior to general use. The user is supposed to check if the product is suitable for the application. If needed please contact our technical services.

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.

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.

Fire resistance

Joint width	Joint depth	Backing material	Integrity	Insulation*
50 mm	25 mm	50 mm thick ceramic fibre	241 min.	150 min.
20 mm	10 mm	PU foam tube	241 min.	70 min.

*time in which temperature on the non-fire side has increased by 180°C.

Tooling

If desired, smooth surface before skin formation with the **Perfect Joint Tooling Agent** and/or the **Perfect Joint Tool**.

Cleaning

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

Repairing

With the same product.

LIMITATIONS

- Do not expose to thermal, mechanical or chemical influences before complete curing.
- No adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.
- Do not use on natural stone (staining).
- Not for sanitary applications.
- Not paintable.

TECHNICAL APPROVALS

Tested by Warrington Fire Research, report nr 106969 issue 2 - BS 476 : Part 20 : 1987 and prEN 1366-4 : 1998 CE



CE
14 DL Chemicals
EN 15651-1 F EXT-INT EN 15651-2 G No. DoP: MP0030031



* 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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