



**CHARACTERISTICS**

- Fire retardant, neutral alcoxy curing, 1-component silicone sealant (RTV-1)
- Has been tested to BS 476: Part 20: 1987 and prEN 1366-3: 1998 in both horizontal and vertical joints up to 50 mm wide. Maintained its integrity during the test period (241 minutes) with temperatures rising to 1150°C
- Excellent adhesion to almost all building materials
- Very easy to apply
- Permanent elastic and UV resistant

**APPLICATIONS**

- Ideal for fire rated construction movement joints.
- Has an excellent primerless adhesion to most of the materials used in the building and engineering industries such as steel, concrete, brick, blockwork etc.
- On porous surfaces, a primer is recommended.

TECHNICAL CHARACTERISTICS	
<b>Uncured sealant</b>	
Type of sealant	Polysiloxanes
Viscosity	Pasty
Vulcanising system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	3 h
Vulcanisation rate (23°C and 50% R.H.)	1 - 2 mm/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	Min. 12 months
<b>Cured sealant</b>	
Shore A hardness : ISO 868	23
Elastic recovery : ISO 7389	>90%
Deformation capability : ISO 11600	25%
Modulus at 100% elongation : ISO 8339	0,38 N/mm <sup>2</sup>
% Elongation at break : ISO 8339	250%
Temperature resistance	-40°C - +100°C. Loses elasticity above 150°C, keeps its integrity (joint protection) up to 1150°C

PACKING AND COLOURS
25 cartridges of 310 ml/box - 48 boxes/pallet
White, grey.

Other colours are available on request - a minimum order quantity is required.(Please contact DL Chemicals)

**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

Apply with use of standard sealant applicator gun. Joint design is essential for the fire rating properties of the sealant (see test dimensions).

## Joint dimensions

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 at the rear back of the back filling has increased by 180°.

## Back-up material

Polyurethane closed backer rod with closed cells or ceramic fibre of 96 kg/m<sup>3</sup>

## 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

Use in well ventilated rooms. The sealant should not be subjected to thermal, mechanical or chemical attack before vulcanisation is complete.

## TECHNICAL APPROVALS

Tested by Warrington Fire Research, report nr 10696 issue 2 - BS 476 : Part 20 : 1987 and prEN 1366-3 : 1998

FDA approved (Ianesco rapport Nr 13/11408)

CE



<b>CE</b>
14 DL Chemicals
EN 15651-1 F INT 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).

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.