



### CHARACTERISTICS

- Permanently elastic polyurethane sealant
- Very easy to apply
- High resistance to ageing, weather conditions and low and high temperatures
- Good chemical resistance
- Excellent adhesion to almost all building materials
- Can be repainted. Preliminary tests may be recommended.

### APPLICATIONS

- Suitable for the automobile industry, for carriage work, cool trucks, caravans, shipping, and all elastic joints and construction-joints in the building industry.
- Has an excellent adhesion to most materials such as wood, concrete, metals, anodized aluminium, natural and artificial stone. Use a primer on porous surfaces and on plastics.
- Suitable for sealing and bonding with permanent immersion, when using **Primer DL 2001**.

### TECHNICAL CHARACTERISTICS

#### Uncured sealant

Type of sealant	Polyurethane
Viscosity	Pasty
Vulcanising system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	70 min.
Vulcanisation rate (23°C and 50% R.H.)	2 mm after 24h
Density : ISO 1183	1,18 g/ml
Processing temperature	+5°C - +35°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	12 months

#### Cured sealant

Shore A hardness : ISO 868	40
Deformation capability : ISO 11600	25%
Modulus at 100% elongation : ISO 8339	0,38 N/mm <sup>2</sup>
% Elongation at break : ISO 8339	680%
Temperature resistance	-40°C - +80°C

### PACKING AND COLOURS

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

White, grey, black

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

White, grey, black

### 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.

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.

## Primers

Primer DL 2001	Transparent	Curing time (approx.) 20 min
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## Application

With a gun (manual or pneumatic). If no more than 90% of joints are vulcanized, 5% movement is admitted. Good ventilation is important during application and vulcanisation of the product.

## 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

When needed with **DL100** or tools.

## Cleaning

Before curing: **Parasilico Cleaner**

After curing: Remove as much as possible mechanically; the remainders of the silicone with **Silicone Remover**.

## Repairing

With the same product.

## SAFETY

See safety data sheet.

## LIMITATIONS

- Do not use as glazing sealant or mirror adhesive.

## POLYURETHAN SEALANTS CHEMICAL COMPATIBILITIES

	products	compatibility	note
Acids	10% acetic acid	good	
	25% acetic acid	poor	sealant swelling
	10% hydrochloric acid (pH3)	good	
	25% hydrochloric acid	poor	sealant swelling
	10% sulfuric acid	good	
	25% sulfuric acid	good	
Bases	10% nitric acid	poor	sealant swelling
	10% soda (pH8)	good	
	25% soda	poor	adhesion loss
	10% potassium chlorate	good	
Oil and solvents	25% potassium chlorate	poor	adhesion loss
	Engine oil	very good	
	Methanol, Formol, Ethanol, Acetone, MEK, Ethyl acetate, Toluene, Xylene, Chloric solvents, petrol	poor	sealant swelling
	Glycol	very good	
Miscellaneous	Aliphatic solvents	good	
	Water, sea water	very good	
	Brine	good	

## TECHNICAL APPROVALS

### CE

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