

# Parasilico EPDM\*

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## DESCRIPTION

**PARASILICO EPDM\*** is a non-toxic, solvent-free, low modulus, multipurpose, one component silicone sealant (RTV-1), based on a neutral oxime curing system. **PARASILICO EPDM\*** has a high resistance to ageing, low and high temperatures (- 50°C to +150°C).

## APPLICATIONS

**PARASILICO EPDM\*** is suitable for the bonding of EPDM\*. Parasilico EPDM\* has also an adhesive strength without primer on the majority of materials used in building and engineering industries such as laminated glass (does not affect the layer PVB) and double glass (does not affect the butyl sealing), aluminium, steel, abs, stainless steel, anodised steel etc. **PARASILICO EPDM\*** can also be used on alkali surfaces such as concrete, bricks.

\* Due to the wide variety of EPDM sheets available a preliminary compatibility test is necessary.

## JOINT DIMENSIONS

Joint width	Joint depth	Allowed difference
3-4 mm	4-5 mm	± 1 mm
6 mm	6 mm	± 1 mm
8 mm	6 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

## PROCESSING TEMPERATURE

Between +5°C and +40°C.

## PREPARATION

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with MEK, alcohol or ethanol. If necessary, use a primer. **Due to the wide variety of EPDM sheets available, a preliminary compatibility test is necessary in order to determine the suitability of the product for its application.**

## PRIMERS

		Colour	Curing time (approx.)
Porous substrates	<b>DL 783</b>	Transparent	60 min.
Non porous substrates	<b>Detaprimer 435.1</b>	Transparent	30 min.

## TOOLING

When needed with **DL100** or tools.

## CLEANING

### Before curing:

- a) tools : with white spirit or solvent
- b) 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.

## COLOURS

black

## SHELF LIFE

Min. 12 months if kept in the original packing and stored in cool and dry conditions between +5°C and +25°C.

## PACKING

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

## LIMITATIONS

Use in well ventilated rooms. Do not expose to thermal, mechanical or chemical influences before complete curing. Good ventilation is important during application and vulcanisation of the product.

- On natural stone: **Parasilico NS** is recommended.
- On mirrors: **Miroseal** is ideal.
- On polyacrylate en polycarbonate: Please use **Parasilico PL**.
- Structural glazing : Please consult our technical service department.
- For painting sealant surface: Refer to **Parasilico VP**
- for sanitary applications : **Parasilico Sanitary N** is recommended.

## METHOD OF USE

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers

## SAFETY

Contains 2-butanonoxime. Can cause an allergic reaction. Safety data sheet available on request.  
Leeds certificate for low VOC

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## TECHNICAL CHARACTERISTICS

### Uncured sealant

Type of sealant	Polysiloxanes
Vulcanising system	Vulcanising through moisture in the air
Skin forming time (23°C en 50% R.H.)	15 à 20 min
Vulcanisation rate (23°C en 50% R.H.)	2.5-3 mm/24 hrs
Density (ISO 1183)	1.39 g/ml

### Cured sealant

Shore A hardness (ISO 868)	20
Elastic recovery (ISO 7389)	> 90%
Deformation capability	25%
Modulus at 100% elongation (ISO 8340)	0.38 N/mm <sup>2</sup>
Elongation at break (ISO 8339)	260 %
Temperature resistance	-50°C - + 150°C