

# Parasilico AM 85-1 FC

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## DESCRIPTION

**PARASILICO AM 85-1 FC** is a non-toxic, solvent-free, low modulus multipurpose one component silicone sealant (RTV-1), based on a neutral oxime curing system. **PARASILICO AM 85-1 FC** has a high resistance to ageing, low and high temperatures (- 50°C to +150°C).

## APPLICATIONS

**PARASILICO AM 85-1 FC** has an adhesive strength without primer on the majority of materials used in building and engineering industries such as glass, aluminium, steel, abs, stainless steel, anodised steel etc. **PARASILICO AM 85-1 FC HAS AN OUTSTANDING ADHESION WITHOUT PRIMER ON TREATED WOOD AND PVCu.** **PARASILICO AM 85-1 FC** can also be used on alkali surfaces such as concrete, bricks. The use of a primer is recommended. **PARASILICO AM 85-1 FC** can also be used for sealing swimmingpools. At continued immersion, a primer is recommended.

## 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 tot +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. It is recommended that adhesion tests be carried out to determine the suitability of the product for its application.

## PRIMERS

		Colour	Curing time
Porous substrates	<b>DL 783</b>	Transparent	± 60 min.
Metal	<b>DL 790</b>	Yellow	± 60 min.
Non porous substrates	<b>Detaprimer 435.1</b>	Transparent	± 30 min.

## TOOLING

When needed with **DL100** or tools.

## CLEANING

### Before vulcanisation:

- a) tools : with white spirit or solvent
- b) surfaces : with **Parasilico Cleaner**

### After vulcanisation:

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

## REPAIRING

With the same product.

## COLOURS

White and transparent. Other colours are available on request (75 cartridges or multiple).

## SHELF LIFE

Min. 12 months if kept in the original packing and stored in cool and dry conditions.

## PACKING

25 cartridges of 310 ml/box – 48 boxes/pallet  
20 sausages of 600 ml/box - 36 boxes/pallet

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## LIMITATIONS

Use in well ventilated rooms. Do not expose to thermal, mechanical or chemical influences before complete vulcanisation.

- on natural stone, we recommend **Parasilico NS**.
- on mirrors we recommend **Miroseal**.
- on polyacrylate en polycarbonate, we recommend **Parasilico PL**.
- structural glazing : see technical service department.
- Cannot be painted : see **Parasilico VP**
- for sanitary applications : **Parasilico Sanitair - N**.

## SAFETY

Contains 2-butanonoxime. Can cause an allergic reaction.

## TECHNICAL APPROVINGS

Belgian technical approval ATG 01/1923

Société Nationale du Joint Français: SNJF code 75

British Standard Institution : BSI=BS 5889 Type A

USA : TT-S-00 1543 A

Germany : DIN 18 540 part 2

## METHOD OF USE

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

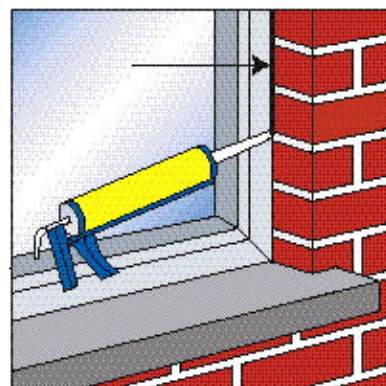
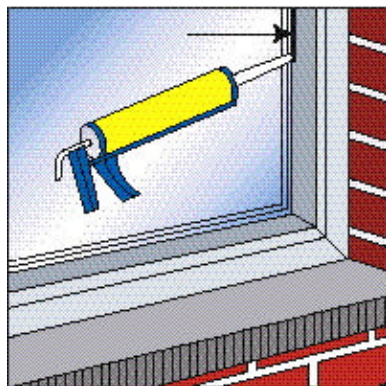
## PROPERTIES

### Unvulcanised rubber

Type of sealant	Polysiloxanes
Vulcanising system	Vulcanising through moisture in the air
Skin forming time (23°C en 50% R.H.)	11 min
Vulcanisation rate (23°C en 50% R.H.)	1-2 mm/24 hrs
Density (ISO 1183)	1.03 g/ml

### Vulcanised rubber

Shore A hardness (ISO 868)	15
Elastic recovery (ISO 7389)	> 90%
Deformation capability	30%
Modulus at 100% elongation (ISO 8340)	0.30 N/mm <sup>2</sup>
% elongation at break (ISO 8339)	280%
Temperature resistance	-50°C - + 150°C



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