

Parasilico AM 85-1

1/2

DESCRIPTION

PARASILICO AM 85-1 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** has a high resistance to ageing, low and high temperatures (- 50°C to +150°C).

APPLICATIONS

PARASILICO AM 85-1 has 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 AM 85-1** HAS AN OUTSTANDING ADHESION WITHOUT PRIMER ON TREATED WOOD AND PVC. **PARASILICO AM 85-1** can also be used on alkali surfaces such as concrete, bricks.

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. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application.

PRIMERS

		Colour	Curing time (approx.)
Porous substrates	DL 783	Transparent	60 min.
Non porous substrates	Detaprimer 435.1	Transparant	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

Cartridges 310 ml : Standard : snow-white, RAL 9003, RAL 9010, RAL 9001, RAL 1013, RAL 1015, beige, limestone, bahama beige, ton pierre, RAL 7035, manhattan, RAL 7004, RAL 7005, RAL 7023, RAL 7039, RAL 7022, RAL 7011, RAL 7024, RAL 7016, RAL 9011, RAL 8001, RAL 8003, RAL 8007, RAL 8014, RAL 8016, RAL 8017, RAL 8028, bronze. Special colours : RAL 3004/5, RAL 3005, RAL 5014, RAL 5010, RAL 5003, RAL 5011, RAL 6021, RAL 6005, RAL 6200, RAL 6009, RAL 7048 E, RAL 9006, aluminum.

Sausage 400 ml: Standard: RAL 9010

Sausage 600 ml: Standard: RAL 9010, RAL 7004, RAL 9011

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

25 cartridges of 310 ml /box . 48 boxes / pallet
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.

Parasilico AM 85-1

2/2

METHOD OF USE

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

SAFETY

Safety data sheet available on request.

TECHNICAL APPROVALS

Société Nationale du Joint Français :



- Façade : nr 2513
- Vitrage : nr 2518

Belgian technical approvement :



ATG 11/1923

British Standards Institution : BSI=BS 5889

Type A

Deutschland DIN 18 540 part 2

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)	Colours: 20
Elastic recovery (ISO 7389)	> 90%
Deformation capability	25%
Modulus at 100% elongation (ISO 8340)	0.38 N/mm²
Elongation at break (ISO 8339)	260 %
VOC	< 100 gr/ l
Temperature resistance	-50°C - + 150°C

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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.