Parasilico AM 85

Features and Benefits

- Non-toxic, solvent-free, low modulus, multi-purpose, one component silicone sealant (RTV-1), based on a neutral oxime curing system
- High resistance to ageing, low and high temperatures (-50°C to +150°C)

Application

- 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
- Outstanding adhesion without primer on treated wood and PVC
- Can also be used on alkali surfaces such as concrete and bricks

Processing Temperature

- Between +5°C and +40°C

Packaging

- 25 cartridges of 310 ml box – 48 boxes/pallet

Repairing

- With the same product

Shelf Life

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

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

Method of use

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

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.

Colours

Parasilico AM 85 Sealant is available in a broad range of colours. Please refer to the colour chart for different options.

Limitations

Use in well ventilated rooms. Do not expose to thermical, 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

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Primers		Colour	Curing time (approx)
Porous substrates	DL 783	Transparent	60 min
Non porous substrates	Detaprimer 435.1	Transparent	30 min

Joint Dimensions

Joint Width	Joint Depth	Allowed difference
3–4 mm	4 – 5mm	±1mm
6mm	6mm	±1mm
8mm	6mm	±1mm
10mm	6 – 8mm	±2mm
15mm	10mm	±2mm
20mm	10 – 12mm	±2mm
25mm	15mm	±3mm

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/24hrs
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

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
Deutsch-land DIN 18 540 part 2

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