



### CHARACTERISTICS

- Neutral oxime curing, 1-component weatherseal silicone sealant (RTV-1)
- Very easy to apply
- Excellent adhesion to almost all building materials
- Permanent elasticity
- High resistance to ageing, weather conditions and UV
- MEKO-free

### APPLICATIONS

- Has an adhesive strength without primer on the majority of materials used in building and engineering industries such as treated wood, aluminium, abs, steel, stainless steel, anodised steel, hard PVC, glass, etc. On absorbent surfaces such as concrete, bricks... a primer is recommended.

### TECHNICAL CHARACTERISTICS

| Uncured sealant  |  |
|--|--|
| Type of sealant  | Polysiloxanes  |
| Curing system  | Through moisture in the air  |
| Skin forming time (23°C and 50% R.H.)                                  | 15 min. (AM85-1)<br>15 min. (AM85-1 T)                               |
| Curing rate (23°C and 50% R.H.)  | 2,5 - 3 mm after 24h   |
| Density: ISO 1183  | 1,21 g/ml (AM85-1)<br>1,00 g/ml (AM85-1 T)                           |
| Processing temperature   | +5°C - +40°C   |
| Shelf life, in original packing in dry conditions between +5°C - +25°C | 15 months  |
| Cured sealant  |  |
| Shore A hardness: ISO 868  | 23 (AM85-1)<br>11 (AM85-1 T)   |
| Elastic recovery: ISO 7389   | > 80%  |
| Deformation capability: ISO 11600                                      | 25%  |
| Modulus at 100% elongation: ISO 8339                                   | 0,35 N/mm <sup>2</sup> (AM85-1)<br>0,21 N/mm <sup>2</sup> (AM85-1 T) |
| % Elongation at break: ISO 8339  | 300% (AM85-1)<br>> 250% (AM85-1 T)                                   |
| VOC  | < 100 g/l  |
| Temperature resistance   | -50°C - +150°C   |

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## PACKING AND COLOURS

12 cartridges of 300 ml/box - 100 boxes/pallet

25 cartridges of 300 ml/box - 48 boxes/pallet

### Parasilico AM85-1

- RAL 9003 signal white, RAL 9010 white, RAL 9011 black, RAL 1015 light ivory, RAL 7004 grey, RAL 7005 dark grey, RAL 7035 light grey, RAL 8003 clay brown, RAL 8007 light brown (fawn brown), RAL 8016 dark brown (mahogany brown), bronze
- RAL 1013 oyster white, RAL 1019 grey beige, RAL 7011 iron grey, RAL 7012 basalt grey, RAL 7015 slate grey, RAL 7021 black grey, RAL 7022 umbra grey, RAL 7023 concrete grey, RAL 7024 graphite grey, RAL 7030 stone grey, RAL 7032 pebble grey, RAL 7033 cement grey, RAL 7037 dusty grey, RAL 7038 agate grey, RAL 7039 quartz grey, RAL 8014 sepia brown, RAL 8017 chocolate brown, light manhattan, RAL 8019 grey brown, RAL 8028 marron (terra brown), RAL 9001 cream, RAL 9016 traffic white, beige, bahama beige, ton pierre

### Parasilico AM85-1 T

- Transparent, white, snow white, RAL 7016 anthracite grey
- Transparent/grey, RAL 9006 white aluminium, RAL 6005 moss green, aluminium

25 sausages of 400 ml/box - 48 boxes/pallet

**Parasilico AM85-1:** RAL 9010 white

**Parasilico AM85-1 T:** Transparent

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

**Parasilico AM85-1:** RAL 9010 white, RAL 9011 black, RAL 7004 grey

**Parasilico AM85-1 T:** Transparent, transparent/grey,

## 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.

### Primers

|                            |  |             |                               |
|----------------------------|--|-------------|-------------------------------|
| <b>Porous surfaces</b>     | <b>Silicone Primer Porous Surfaces</b>     | Transparent | Drying time (approx.) 60 min. |
| <b>Non porous surfaces</b> | <b>Silicone Primer Non-porous Surfaces</b> | Transparent | Drying time (approx.) 60 min. |

### Application

- With a sealant gun (manual or pneumatic). The size and shape of the joint is very important. Avoid thin joints.
- Use in well-ventilated rooms. Good ventilation is important during application and curing of the product.
- Do not subject the joint to thermal, mechanical or chemical stress before curing is complete.

### Joint dimensions (Maximum joint width: 30 mm)

| 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             |
| 30 mm       | 18 mm       | ± 3 mm             |

### Tooling

- If desired, smooth surface before skin formation with the **Perfect Joint Tooling Agent** and/or the **Perfect Joint Tool**.
- Avoid that tooling agent ends up on the surface before applying the silicone. Silicone does not adhere to a damp surface.

### Cleaning

- Before curing: Tools, surfaces and uncured residues can be removed with **Parasilico Cleaner**, **Multi-Purpose Super Cleaner** or **Cleaning Wipes**.
- After curing: Remove cured sealant mechanically. Remainder of silicone can be removed with **Silicone Remover**.

### Repairing

With the same product.

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## SAFETY

Refer to the packaging or safety data sheet for additional information.

## POINTS OF ATTENTION

- Not suitable for expansion joints with a motion amplitude >20%.
- On PE, PP, PTFE (Teflon®) and bituminous substrates there is no adhesion.
- Not paintable.
- Not compatible with the edge seal of insulating glazing and the PVB film of safety glass. Avoid direct contact.
- White colours and transparent can yellow light in the total absence of UV light or through contact with smoke or detergents.
- Parasilico AM85-1 is not suitable for applications with permanent water load.
- For sanitary applications, Parasilico Prestige (T), Parasilico Sanitair N (T) or Parasilico Premium T is recommended.
- Use Parasilico Prestige Colour T in swimming pool applications.
- Do not use on natural stone (staining). On natural stone use Parasilico Prestige (T) or Parasilico NS (T).
- Use Paracol Miroseal for gluing mirrors.
- Use Parasilico PL T on polyacrylate and polycarbonate.

## TECHNICAL APPROVALS

- ATG (Belgian technical approval)
- CE
- Meets the requirements of the standards: ISO 11600 F&G - 25 LM



|   |
|---|
| CE  |
| 22<br>DL Chemicals  |
| EN 15651-1<br>F EXT - INT<br>EN 15651-2 G<br>No. DoP (Colours)<br>MP0020090<br>No. DoP (Transparent<br>base)<br>MP0020091 |



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

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