Technical data sheet

PARASILICO AM85-1

CHARACTERISTICS

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

APPLICATIONS

- Sealing of glazing joints.
- Sealing of connection and expansion joints in facades, interior walls, between frame and wall, etc.
- Sealing of connection joints in building and construction.
- Expansion joints in walls, glazing, partition walls

TECHNICAL CHARACTERISTICS

Type of product	Polysiloxanes
Density (g/ml)	1.21
Consistency	Pasta
Application temperature	+5°C - +40°C
Temperature resistance	-50°C - +150°C
Curing system	Curing by air humidity
Curing speed at 23 degrees C and 50% R.H. (mm, after 24h)	2.5 - 3
Skin forming time at 23°C and 50% R.H. (min.)	15
Shore A hardness: ISO 868	23
Elastic recovery capacity: ISO 7389	> 80%
Maximum permissible deformation: ISO 11600	25%
Modulus at 100% elongation: ISO 8339 (N/mm²)	0.35
% Elongation at break: ISO 8339	300
VOC	<100 g/l
Shelf life of unopened product	15 months
Storage conditions	Store in a dry, cool place at +5°C to +25°C. Keep out of direct sunlight.

PACKING AND COLOURS

25 x cartridge 300ML/box - 1200 pieces/pallet
RAL9016 Traffic white, RAL9010 Pure white, RAL9003 Signal white, RAL1013 Pearl white, RAL9001 Cream white, RAL1015 Light ivory, Beige, RAL1019 Grey beige, RAL8007 Fawn brown, RAL8003 Clay brown, RAL8014 Sepia brown, RAL8016 Mahogany brown, RAL8028 Terra brown, RAL8017 Chocolate brown, Bronze, RAL8019 Grey brown, RAL7023 Concrete grey, RAL7038 Agate grey, RAL7033 Cement grey, RAL7035 Light grey, RAL7004 Signal grey, RAL7011 Iron grey, RAL7032 Pebble grey, RAL7039 Quartz grey, RAL7015 Slate grey, RAL7022 Umber grey, RAL7005 Mouse grey, RAL7037 Dusty grey, RAL7030 Stone grey, RAL7024 Graphite grey, RAL7016 Anthracite grey, RAL7012 Basalt grey, RAL7021 Blackish grey, RAL9011 Graphite black

25 x foil bag 400ML/box - 1200 pieces/pallet
RAL9010 Pure white

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DL CHEMICALS Since 1936 Manufacturer of Sealants

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20 x foil bag 600ML/box - 900 pieces/pallet
RAL9010 Pure white, RAL7004 Signal grey, RAL9011 Graphite black

METHOD OF USE

Preparation

- Use in well-ventilated rooms. Good ventilation is important during application and curing of the product.
- The surfaces must be solid, dry and free of dust and grease.
- If needed degrease the materials to be glued with Parasilico Cleaner, MEK, fire alcohol, ethanol.
- The user needs to make sure that the product is suitable for the application. Consult our technical service if necessary.

Primers

- Absorbent surfaces: Silicone Primer Porous Surfaces (transparent, drying time about 60 min.).
- Non-absorbent surfaces: Silicone Primer Non-Porous Surfaces (transparent, drying time about 60 min.).
- The use of a primer may be necessary on very porous substrates, in the event of difficulty in adhesion or in demanding conditions of use.

Application

- Apply the product from the cartridge or foil packaging with a manual or pneumatic caulking gun.
- The size and shape of the joint is very important. Avoid thin joints.
- Do not subject the joint to thermal, mechanical or chemical stress before curing is complete.

Joint dimensions

- Suitable joint widths from 5 mm to 30 mm
- Joints with a width up to 10 mm: joint depth should equal joint width
- Joints wider than 10 mm: joint depth = (joint width/3) + 6 mm.

Tooling

- Smooth surface before skin formation with 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

- Tools, surfaces and uncured residues can be removed with Parasilico Cleaner, Multi-Purpose Super Cleaner or Cleaning Wipes. Remainder of silicone can be removed with Silicone Remover after curing
- After curing remove mechanically.

Repairing

It is recommended to use the same product.

SAFETY

Consult the safety information on the packaging and the safety data sheet for more information.

POINTS OF ATTENTION

- Not suitable for permanent submersion.
- Not suitable for mirrors.

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- Not suitable for use on butiminous surfaces.
- Not suitable for use on PE, PP, PA, PTFE (Teflon).
- Not suitable for use on polyacrylate and polycarbonate
- Not suitable for use on natural stone (can cause stains).
- Colours can yellow slightly in the absence of UV light or through contact with smoke or detergents.
- Not paintable.
- Not suitable for sanitary applications (not mould resistant)
- Not suitable for contact with edge sealing of insulating glazing. Avoid direct contact.
- Not suitable for contact with PVB films of laminated glass. Avoid direct contact.
- When using on PVC, thoroughly clean the surface. It is advisable to carry out an adhesion test beforehand.

TECHNICAL APPROVALS AND QUALITY LABELS

- UKCA & CE according to EN 15651-1: F EXT-INT 25 LM
- UKCA & CE according to EN 15651-2: G 25 LM
- French VOC emission class A+
- ATG (Belgian technical approvement)
- SNJF: Façade 25 E (Société National du Joint Français)

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