Technical data sheet

PARASILICO AX PLASTICS T

CHARACTERISTICS

- High quality neutral alcoxy curing, 1-component silicone sealant
- Excellent adhesion to most plastic substrates, no stress cracking
- Permanent elasticity
- Very easy to apply
- High resistance to high and low temperatures
- Excellent adhesion to almost all building materials
- High resistance to ageing and weather conditions

APPLICATIONS

- Sealing of joints on both polycarbonate and PMMA.
- Sealing of plastic substrates (except PE, PP or PTFE).

TECHNICAL CHARACTERISTICS	
Type of product	Polysiloxanes
Density (g/ml)	1.02
Consistency	Pasta
Application temperature	+5°C - +40°C
Temperature resistance	-50°C - +100°C
Curing system	Curing by air humidity
Curing speed at 23 degrees C and 50% R.H. (mm, after 24h)	2 - 3
Skin forming time at 23°C and 50% R.H. (min.)	27
Shore A hardness: ISO 868	11
Elastic recovery capacity: ISO 7389	> 80%
Maximum permissible deformation: ISO 11600	25%
Modulus at 100% elongation: ISO 8339 (N/mm^2)	0.21
% Elongation at break: ISO 8339	220
Shelf life of unopened product	12 months
Storage conditions	Store in a dry, cool place at +5°C to +25°C. Keep out of direct sunlight.

PACKING AND COLOURS
12 x cartridge 300ML/box - 1200 pieces/pallet Transparent, Black
20 x foil bag 600ML/box - 900 pieces/pallet Transparent, 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.

DL CHEMICALS Since 1936 Manufacturer of Sealants

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- 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.
- On PMMA, the use of a primer is necessary.

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.
- Not suitable for use on butiminous surfaces.
- Does not adhere to PE, PP, PTFE, silicone, oil, grease and similar surfaces.
- Not suitable for use on natural stone (can cause stains).
- Not paintable.
- Not suitable for sanitary applications (not mould resistant)
- Not suitable for glazing joints.

TECHNICAL APPROVALS AND QUALITY LABELS

- French VOC emission class A+

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