SILOXA© EVE

TECHNICAL DATA SHEET

CHARACTERISTICS

- High quality neutral alcoxy curing, 1-component silicone sealant
- Permanent elasticity
- High resistance to high and low temperatures
- Excellent adhesion to almost all building materials
- Compatible with most edge seals of insulating glazing and PVB films of security glass
- High resistance to UV
- Low elasticity modulus
- Very easy to pump and to apply, also at lower temperatures
- High resistance to ageing and weather conditions
- The rapid skin formation time reduces the risk of sealant contamination
- Low odour

APPLICATIONS

- Sealing of glazing joints.
- Perimeter joints around window frames.
- Sealing of connection joints in building and construction.
- Extremely suitable for expansion joints.

TECHNICAL CHARACTERISTICS	
Type of product	Polysiloxanes
Density (g/ml)	1.25
Application temperature	+5°C - +40°C
Temperature resistance	-50°C - +150°C
Curing system	Curing by air humidity
Curing speed at 23°C and 50% R.H. (mm, after 24h)	3
Skin forming time at 23°C and 50% R.H. (min.)	10
Shore A hardness: ISO 868	25
Elastic recovery capacity: ISO 7389	> 90%
Maximum permissible deformation: ISO 11600	±25%
Modulus at 100% elongation: ISO 8339 (N/mm^2)	0.35
% Elongation at break: ISO 8339	300
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

25 x cartridge 300ml/box
RAL 8017

Siloxa Building Chemicals, Unit D, Three Pillars Business Park, Station Road, Sutton-in-the-Isle, Cambridgeshire CB6 2RU, siloxa.co.uk

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 a 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.
- 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)
- Compatible with most edge seals and PVB films of laminated glass. However, due to the large number of systems on the market and because the composition of it can be changed, this does not guarantee compatibility on all glazing sealants.
- 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
- GEV Emicode EC1plus label: very low VOC emissions
- French VOC emission class A+