

TECHNICAL DATA SHEET

CHARACTERISTICS

- High quality neutral alcoxycuring, 1-component 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

APPLICATIONS

- Sealing of connection joints and façade joints with a movement amplitude of up to 20%.
- Perimeter joints around window frames.
- Sealing of connection joints in building and construction.
- Indoor and outdoor use.

TECHNICAL CHARACTERISTICS

Type of product	Polysiloxanes
Density (g/ml)	0.97
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)	3 - 4
Skin forming time at 23°C and 50% R.H. (min.)	12
Shore A hardness: ISO 868	10
Elastic recovery capacity: ISO 7389	>70%
Maximum permissible deformation: ISO 11600	20%
Modulus at 100% elongation: ISO 8339 (N/mm ²)	0.16
% Elongation at break: ISO 8339	300
Shelf life of unopened product	12 months

PACKING AND COLOURS

25 x cartridge 280ML/box - 1200 pieces/pallet

Snow white, Transparent, RAL7016 Anthracite grey, RAL8017 Chocolate brown, RAL9011 Graphite black, RAL7038 Agate Grey, RAL7032 Pebble Grey

25 x foil bag 400ML/box - 900 pieces/pallet

Snow white, Transparent, RAL7016 Anthracite grey, RAL8017 Chocolate brown, RAL9011 Graphite black

20 x foil bag 600ML/box - 720 pieces/pallet

Snow white, Transparent

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 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 Cleaner, Multi-Purpose Super Cleaner or Cleaning Wipes. Remainder of silicone can be removed with Silicone Remover after curing
- After curing it, 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)
- 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.
- Not suitable for expansion joints with a motion amplitude >20%.
- 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 20 LM
- UKCA & CE according to EN 15651-2: G 20 LM
- French VOC emission class A+
- SNJF: Façade 12,5 E (Société National du Joint Français)

SNJF Facade on colours: transparent, snow white, RAL 7016, RAL 9011. Information on the SNJF label can be found at www.oc-sjff.fr.

