Technical data sheet

FORTIX MULTI-PURPOSE SILICONE



CHARACTERISTICS

- Acetoxy curing 1-component silicone sealant
- Permanent elasticity
- Very easy to apply
- High resistance to high and low temperatures
- Excellent adhesion to almost all building materials
- High resistance to UV
- High resistance to ageing and weather conditions

APPLICATIONS

- General multi-purpose silicone
- Adheres to many materials used in construction and industry
- Suitable for sanitary applications (sealing in damp areas such as bathrooms, showers, kitchens, etc.)

TECHNICAL CHARACTERISTICS

Type of product	Polysiloxanes
Density (g/ml)	0.98
Number of components	1
Application temperature	+5°C - +40°C
Temperature resistance	-60°C - +180°C
Curing system	Curing by air humidity
Curing speed at 23 degrees C and 50% R.H. (mm, after 24h)	1 - 2
Character	Elastic
Skin forming time at 23°C and 50% R.H. (min.)	38
Shore A hardness: ISO 868	15
Elastic recovery capacity: ISO 7389	>90%
Maximum permissible deformation: ISO 11600	12.5%
Modulus at 100% elongation: ISO 8339 (N/mm^2)	0.28
% Elongation at break: ISO 8339	250
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 280ML/box - 1500 pieces/pallet
Transparent, White

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.

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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.

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.

SAFETY

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

POINTS OF ATTENTION

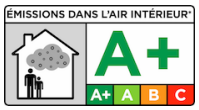
- Not suitable for permanent submersion.
- Not suitable for use on butiminous surfaces.
- Not suitable for use on PE, PP, PA, PTFE (Teflon).
- Not suitable for use on polyacrylate and polycarbonate
- Not suitable for use on natural stone (can cause stains).
- Not paintable.
- The sanitary formula is not a substitute for cleaning the joint. Heavy soiling and prolonged moist conditions can stimulate the development of fungi.
- Do not use on alkaline surfaces.
- Not suitable for glazing joints.
- 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.
- Acid corrosion can occur with certain metals such as aluminum, iron, zinc, etc.
- Do not use on plastics.

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- Not suitable for mirrors.

TECHNICAL APPROVALS AND QUALITY LABELS

- UKCA & CE according to EN 15651-1: F EXT-INT 12,5 E
- UKCA & CE according to EN 15651-3: S S1
- French VOC emission class A+



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