

Maximum reliability. Minimum fuss.



Technical Data Sheet

Seelex FS Construction

Sealing Products

Food grade sanitary silicone.

Application

- + Specially formulated for all types of sanitary applications and rooms with high humidity such as bathrooms, showers, kitchens and cold storage cells.
- + FDA-approved: appropriate for use in the food industry.
- + Has an adhesive strength on many materials used in building and engineering industries such as treated wood, aluminium, ceramic tiles, polyester resin, hard polystyrene, steel, abs, stainless steel, hard PVC, glass, etc.

Key Features

- + Neutral oxime curing, 1-component silicone sealant (RTV-1)
- + Very easy to apply
- + Very good adhesion to many building materials
- + Permanent elasticity
- + Has a high resistance to ageing, weather conditions, low and high temperatures

Specifications

Code	Cartridge size (ml)	Cartridges per carton	Colour
SEELEX FS	310	25	White

Method of use

Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with MEK, alcohol or ethanol. If necessary, use a primer. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application.

Application

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers. Good ventilation is important during application and vulcanisation of the product.

Joint dimensions

Joint width	Joint depth	Allowed difference
3-4 mm	3-4 mm	± 1 mm
6 mm	6 mm	± 1 mm
8 mm	8 mm	± 1 mm
10 mm	6-8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	10-12 mm	± 2 mm
25 mm	15 mm	± 3 mm
Maximum joint wide: 30 mm		

Tooling

If desired, smooth the surface before skin formation with the tooling agent DL 100 and a scraper.

Cleaning

Before curing: Tools with white spirit or solvent. Surfaces with a Cleaner.

After curing: Remove as much as possible mechanically; the remainders of the silicone with Silicone Remover.

Repairing

With the same product.

Limitations

- Do not expose to thermal, mechanical or chemical influences before complete curing.
- The sanitary formula does not replace cleaning of the joint. Strong pollution, caused by soap residues in combination with moisture, can stimulate the development of fungi.
- No adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates.
- Do not use on natural stone (staining). We recommend Seelex Hybrid for natural stone.
- Not paintable: see Seelex Hybrid.
- Not suitable for bonding mirrors
- Not compatible with the edge seals of insulating glazing and the PVB films of safety glass. Avoid direct contact.
- A total absence of UV can cause a colour change of the sealant.

Health & Safety

Consult Health and Safety Data Sheet.

Technical Characteristics

Uncured Sealant	
Type of sealant	Polysiloxanes
Viscosity	Pasty
Vulcanising system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	10 - 15 min
Vulcanisation rate (23°C and 50% R.H.)	2.5 - 3 mm/24h
Density: ISO 1183	1.03 g/ml
Processing temperature	+5°C to +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	min. 12 months
Cured Sealant	
Shore A hardness: ISO 868	13
Elastic recovery: ISO 7389	>90%
Deformation capability: ISO 11600	25%
Modulus at 100% elongation: ISO 8339	0.22 N/mm ²
% Elongation at break: ISO 8339	280%
Temperature resistance	-50°C - +150°C

Further Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Certification

FDA approved (lanesco rapport: Extraction test in distilled water following FDA specifications – nr 14/12882)



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EN 15651-1
F EXT - INT
EN 15651-2 G
EN15651-3 S



Merlin House
Seven Mile Lane
Borough Green
Sevenoaks
Kent
TN15 8QY

Enquiries

0800 304 7616

International

+44 (0) 1732 882387

Fax

0845 450 7486

Email

info@fixfast.com



Certificate number 10905
ISO 9001, ISO 14001
OHSAS 18001