



CHARACTERISTICS

- One-component silicone sealant, based on a neutral oxime curing system
- Very good adhesion to many materials
- Permanent elasticity
- Has a high resistance to ageing, weather conditions, low and high temperatures (-50°C to +150°C) and UV
- SNJF label

APPLICATIONS

- Has an adhesive strength without primer on the majority of materials used in building and engineering industries such as treated wood, aluminium, steel, abs, stainless steel, anodised steel, hard PVC, glass*, etc. (*Can affect the butyl sealing or PVB film in double glass / insulating glass / security glass. Direct contact has to be avoided, as we cannot guarantee the compatibility with the secondary edge seal, due to the big variety in material of this secondary edge seal.)
- Can also be used on alkali surfaces such as concrete, bricks. A primer is recommended.

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.)	25 min (filled) - 10 min (transp)
Vulcanisation rate (23°C and 50% R.H.)	2,5 - 3 mm/24h
Density: ISO 1183	1,34 g/ml (filled) - 1 g/ml (transp)
Processing temperature	+5°C - +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	22 (filled) - 13 (transp)
Elastic recovery: ISO 7389	> 90%
Deformation capability: ISO 11600	25%
Modulus at 100% elongation: ISO 8339	0,38 N/mm ² (filled) - 0,25 N/mm ² (transp)
Temperature resistance	-50°C - +150°C

PACKING AND COLOURS

12 cartridges of 310ml/box

Colour	Article number	EAN (cartridge)	EAN (box)
Transparent	300001T657033	5413624700006	5413624701157
White	300001N716033	5413624700013	5413624701164
Black	300001N033033	5413624700020	5413624701171
Grey	300001N401033	5413624700037	5413624701188
Brown	300001N167033	5413624700044	5413624701195

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.

METHOD OF USE

Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with **Rexon 149 Cleaner**, 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.

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 width: 30 mm		

Tooling: If desired, smooth the surface before skin formation with the tooling agent **Rexon 150 Perfect Joint** and a scraper.

Cleaning

- Before curing: Tools with white spirit or solvent, surfaces with **Rexon 141 Silicone Cleaner**.
- After curing: Remove as much as possible mechanically and remove remainders of silicone with Silicone Remover.

Repairing: With the same product.

SAFETY

Safety data sheet available on request.

LIMITATIONS

Use in well-ventilated rooms. Do not expose to thermal, mechanical or chemical influences before complete curing. Good ventilation is important during application and vulcanisation of the product.

- Not suitable for applications with permanent water contact.
- No adhesion on PE, PP, PTFE (Teflon ®) and bituminous substrates.
- Do not use on natural stone, polyacrylate et polycarbonate...
- Not paintable.

TECHNICAL APPROVALS

Transparent: label SNJF Façade n° 3523

Colours: label SNJF Façade n° 3522



* Information on the level of emissions of volatile substances in indoor air, presenting a risk of inhalation toxicity, on a class scale ranging from A+ (very low emissions) to C (high emissions).

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.



Part Code | SIL21000, SIL21006, SIL2203,
Description | ReXon 111 Hi-Grade Silicone

01234 242724 | www.windowware.co.uk