



CHARACTERISTICS

- One-component silicone sealant, based on a neutral oxime curing system
- Extremely easy to apply and finish, thanks to its high viscosity and body
- No cob-webbing and extremely abrasion-resistant
- 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

APPLICATIONS

- Extremely appropriate for tile joints.
- Specially formulated for all types of sanitary applications and rooms with high humidity such as bathrooms, showers, kitchens and cold storage cells.
- Can also be used for swimming pool sealing. Use a primer in case of permanent submersion.
- Adheres to most dry and clean surfaces such as glass, aluminium, glazed tiles, fortified concrete, ABS, polyester, hard polystyrene, brass, stainless and galvanized steel, treated wood, hard PVC, etc.

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.) | 15 min |
| Vulcanisation rate (23°C and 50% R.H.) | 3 mm/24h |
| Density: ISO 1183 | 1,01 g/ml |
| 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 | 16 |
| Elastic recovery: ISO 7389 | > 90% |
| Deformation capability: ISO 11600 | 25% |
| Modulus at 100% elongation: ISO 8339 | 0,31 N/mm ² |
| Temperature resistance | -50°C - +150°C |

PACKING AND COLOURS

| 12 cartridges of 310ml/box | | | |
|----------------------------|----------------|-----------------|---------------|
| Colour | Article number | EAN (cartridge) | EAN (box) |
| Transparent | 3000004T653033 | 5413624700136 | 5413624701287 |
| White | 3000004N769033 | 5413624700143 | 5413624701294 |

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 | SIL23000
Description | ReXon 114 Sanitary Silicone

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.

- 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.
- 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.
- A total absence of UV can cause a colour change of the sealant.

TECHNICAL APPROVALS



* Level information emission of substances volatile in the indoor air, presenting a risk of toxicity by inhalation, on a class scale ranging from A+ (very low emissions) at C (high emissions).

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01234 242724 | www.windowware.co.uk