



SILTECH 600 NX

TECHNICAL DATA SHEET

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SILTECH 600 NX is an easy-to-use, one component neutral-curing silicone sealant based on an oxime system. SILTECH 600 NX shows excellent adhesion to both porous and non-porous substrates providing excellent performance in glazing and construction applications. It is recommended for use in building joints and glazing applications.

PROPERTIES

SILTECH 600 NX is an odourless neutral-curing 1K oxime silicone that is colour stable. It is easy to work and tool. It is resistant to UV radiation, extreme temperature fluctuations, moisture, tensile and compressive stresses.

Property	Unit	Value
Colours	Visual	Clear, white, black, grey & bronze
Hardness	Shore A	20
Skinning Time	Minutes	8-15
Curing Time	Mm/day	1 mm / day
Movement Capability	%	± 25%
Elongation at break	%	400
Elastic Modulus	N/mm ²	0.38
Application temperature	°C	+5 to +45
Temperature resistance	°C	-50 to +120
Values listed are indicative and depend on temperature and humidity.		
<ul style="list-style-type: none">• Tested in accordance with DIN EN 26927 and DIN 18545-2• Volume loss: <10%		

APPLICATIONS INSTRUCTIONS

Surfaces must be clean, dry and free from oil, grease, dust and other loose matter. Surfaces should be cleaned with M.E.K or acetone. Porous substrates can be treated with primer. Both the compatibility of cleaner and primer with substrates must be checked.

APPLICATIONS

- Perimeter and Curtain wall jointing; Metal uPVC, Glass reinforced polyester, and asbestos cement cladding systems
- Cap beading, standard and butt glazing
- Perimeter sealing to treated wood, metal, uPVC and coated frames
- General assembling and sealing applications
- Bathrooms, kitchen and other sanitary applications
- Sign manufacture/assembly
- Cold room panel sealing

PRECAUTIONS

- SILTECH 600 NX is an elastic material which is designed to resist certain movement and elasticity.
- Natural Stone: when sealing against natural stone such as marble and granite, Silicone and Technical products recommends that stain testing is performed prior to use to ascertain the visual acceptability of the sealant/stone combination.
- To avoid damages to the joint, non-corrosive and abrasive materials may be used and the joint should not be rubbed dry. Only neutral, slightly lubricating agents should be used.
- The fungicide in the sealant is not active indefinitely. The joint should be kept clean and the room well-ventilated.
- This material requires atmospheric moisture to cure from paste to rubber and may not attain its listed final cured rubber properties when used in designs or applications where the silicone is encapsulated and without access to atmospheric moisture.
- When sealing to or over items such as: rubberized gaskets, bituminous-based materials, butyl or oil-based products, oily woods, tapes, etc., Silicone & Technical Products recommends that compatibility testing be performed prior to use to confirm the suitability of the use of these materials when in contact with each other.

HANDLING, SAFETY AND STORAGE

During the application and curing of SILTECH 600 NX, rooms must be sufficiently ventilated. Avoid contact with eyes. In case of contact, flush thoroughly with water for 10-15 minutes and contact an eye-specialist. Keep out of the reach of children.

SILTECH 600 NX can be stored for 12 month in an unopened drum at a temperature of between 5°C-30°C.

The material can be disposed with normal waste after curing.

PACKAGING

SILTECH 600 NX is available in a 280ml cartridge.

Each user bears the full responsibility for making its own determination as to the suitability of Supplier material, products, services, recommendations or advice for its own particular purposes. Each user must identify and perform test and analysis sufficient to assure its finished parts will be safe and suitable for use under end-use conditions. Because actual use of products by the user is beyond the control of Supplier, such use is within the exclusive responsibility of the user, and supplier cannot be held responsible for any loss incurred through incorrect or faulty use of the products. Further, no statement contained herein concerning a possible or suggested use of any material product, service or design is intended or should be construed to grant any license under any patent of other intellectual property right of Supplier or any of its subsidiaries or affiliated companies, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.