

# SIT-N

## ALL-IN-ONE SILICONE SEALANT

- Meko-Free
- Reduced typical oxime odor
- Natural stone compatible according to ISO 16938 1. Does not cause edge zone discoloration of natural stones.
- Excellent process ability and easy modeling.
- Colorfast; free from acids and alkalis and therefore suitable for many alkaline and metallic substrates (minimized corrosion of metals).
- Colorfast, weather and UV resistant.
- Contains fungicidal and bactericidal agents for long term protection against mold and fungicide.
- High chemical resistance: chlorine, salt water, lactic acid.
- Long term temperature resistance: -40 to +220°C



### Notice

All information including images are given with the greatest care. Still, it is appropriate to users regardless of the test the suitability of each product for their own purposes. Tech-Masters is not liable for the completeness and accuracy of information and refuses warranty for your specific use. The guarantee, which Tech-Masters products provide, relates only to the standard conditions of sale of this product. In no case Tech-Masters can be held responsible for incidental damages, or damages for improper use or sale of the product to another customer.

# SIL TECH N

## General Information

SIL TECH N is a Meko-free, filled, elastic and neutral curing 1K-silicone sealant for sealing windows, facades and all type of joints in the building industry. SIL TECH N is fast drying and UV resistant. SIL TECH N adheres to

many substrates such as e.g. ceramic tiles, enamel, sanitary acrylic, stainless steel, aluminum, copper, tin, glass and lacquered and glazed wood.

## Technical Information

Base: Pentanoxime  
 Physical state: Paste  
 Colour: transparent / beige / grey / white  
 Odour: characteristic  
 Density : 1.22 g/cm<sup>3</sup>  
 Water solubility: Immiscible  
 Shore A-Hardness (ISO 868): 37 ± 3  
 Skin-formation time: 10 ± 3 min  
 Curing after 24 hrs (at 23°C/50% RH): ca. 2-3mm  
 Movement Capability: 25%  
 Modulus 100% to ISO 37: < 0,4 N/mm<sup>2</sup>  
 Elongation at break to ISO 37: > 500%  
 Tensile Strength to ISO 37: 1,6 N/mm<sup>2</sup>  
 Elastic recovery to ISO 7389-B: > 70%  
 Volume shrinkage to ISO 10563: < 5%  
 Long term temperature resistance: -40 to +220°C  
 Ideal Processing temperature: +5 to +4°C  
 Storage temperature: +5 to +30°C  
 Fire behavior according to DIN EN 13501: Class E

Standards and Certifications:  
 DIN EN 15651 - 1: F-EXT-INT, Klasse 25 LM CC  
 DIN EN 15651 - 2: G 25 LM CC  
 DIN EN 15651 - 3: S XS 1  
 DIN EN 15651 - 4: PW INT/EXT 25 LM CC  
 GEV-EMICODE EC 1 PLUS  
 VDI 6022  
 Natural Stone tested ISO 16938-1  
 ISEGA tested as a food grade  
 Available colors:  
 Sil Tech N grey: very similar to RAL 7036  
 Sil Tech N white: very similar to RAL 9016  
 Sil Tech N beige: very similar to RAL 1015  
 Sil Tech N black: very similar to RAL 9005

## Application and Use

- APPLICATION:
  - For elastic sealing of expansion and connection joints in the building and construction industry and for glass and window construction.
  - Sealing of marble and other natural stones.
  - For mirror bonding.
  - Elastic sealing and bonding of glass and metal-aluminum constructions.
  - Sanitary joints in bathroom and kitchen.
  - For wall and flooring, for in- and outdoor.
  - General building and construction joints.
- USE:
  - We advise you to always perform adhesion tests and compatibility tests on every surface before product use.
  - On concrete, mineral plaster and fiber cement, a suitable primer must be applied in advance to the cleaned substrate.
  - All adherent surfaces must be clean and free of release agents, grease, dust and other substances that could affect adhesion.
  - During the curing process, small amounts of an oxime compound are released; therefore ensure good ventilation during processing and curing.
  - Contact with bitumen, tar or softening materials should be avoided, as it may cause incompatibilities.
  - Although the sealant contains fungicidal and bactericidal active substances, we always recommend you to use a commercially available cleaner, as dirt and soap residues, especially in combination with moisture, form a breeding ground for fungi and algae.

Article nr	Name	Content	Shelf Life	Catalog
T596101	Sil Tech N transparent 310ml	310ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T596102	Sil Tech N grey 310ml	310ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T596103	Sil Tech N white 310ml	310ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T596104	Sil Tech N beige 310ml	310ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T596105	Sil Tech N black 310ml	310ml	see imprint + 18 months	ADHESIVES AND SEALANTS

