

## SIT-N

### ALL-IN-ONE SILICONE SEALANT

- Meko-Free
- ISO 16938 1 Natural stone compatible
- Does not cause edge zone discoloration (grease marks) of natural stones
- Excellent process ability and easy modeling
- Neutral curing; 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
- Elongation at break 500%



### 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, elastic, and neutral-curing one-component silicone sealant designed for sealing windows, façades, pools, pool areas, and all types of joints in the construction industry. SIL TECH N features, excellent UV resistance, and outstanding adhesion

to many substrates such as ceramic tiles, enamel, sanitary acrylic, stainless steel, aluminum, copper, tin, glass, and lacquered or glazed wood. SIL TECH N is suitable for food contact (ISEGA certified).

### Technical Information

Base: Pentanoxime  
 Physical state: Paste  
 Density : 1.22 g/cm³  
 Water solubility: Immiscible  
 Ideal Processing temperature: +5 to +40°C  
 Storage temperature: +5 to +30°C  
 Skin-formation time: 10 ± 3 min  
 Curing after 24 hrs (at 23°C/50% RH): ca. 2-3mm  
 Shore A-Hardness (ISO 868): 37 ± 3  
 Modulus 100% to ISO 37: < 0,4 N/mm²  
 Tensile Strength to ISO 37: 16 kg/cm²  
 Elongation at break to ISO 37: > 500%  
 Elongation at break under load: 25%  
 Elastic recovery to ISO 7389-B: > 70%  
 Volume shrinkage to ISO 10563: < 5%  
 Long term temperature resistance: -40 to +220°C  
 Fire behavior according to DIN EN 13501: Class E

Colors: transparent  
 white very similar to RAL 9016  
 black very similar to RAL 9005  
 grey very similar to RAL 7036  
 Odour: characteristic

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 | VOC A+  
 ISO 16938-1 Natural Stone tested  
 ISEGA tested as a food grade

### Application and Use

- APPLICATION: Elastic sealing of expansion and connection joints in construction
- Natural stone and marble sealing
- Marine and offshore applications: yacht construction, shipyards, harbor facilities, saltwater-resistant applications
- Mirror bonding
- Glass and metal/aluminum constructions
- Sanitary joints in bathrooms and kitchens
- Wall and floor joints, for indoor and outdoor use
- Suitable for pools and pool areas
- USE:
- Always perform adhesion and compatibility tests before application
- Surfaces must be clean, dry, and free from grease, dust, or release agents
- Contains fungicidal and bactericidal additives, but regular cleaning is recommended, as dirt and moisture can promote fungal or algal growth

Article nr	Name	Content	Shelf Life	Catalog
T204001	Safe Clean Aerosol	500ml	see imprint + 36 months	CLEANERS AND DEGREASERS
T569000	TMT Caulking Gun	1pc.	-	TOOLS
T579001	Seal Tech Finisher	1l	see imprint + 36 months	ADHESIVES AND SEALANTS
T596101	Sil Tech N transparent	310ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T596102	Sil Tech N grey	310ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T596103	Sil Tech N white	310ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T596105	Sil Tech N black	310ml	see imprint + 18 months	ADHESIVES AND SEALANTS
T899125	Dry Cloth	125pcs./Box	-	TOOLS
T999949	TMT Cartridge Cutter	1pc.	-	TOOLS
Y390303	Glove GoGrip NI L	50 pcs.	-	HEALTH AND SAFETY
Y870010	Fold Scraper KIT	1pc.	-	TOOLS

