



SILTECH MARINE SILICONE SEALANT

TECHNICAL DATA SHEET

Rev.4 Date: 29/02/2016

SILTECH MARINE is a multi-purpose 1 part acetic curing silicone sealant for cracks, gaps and joints with excellent adhesion to non-porous substrates, it is vibration, moisture and ozone resistant, even under extreme weather conditions, from -50°C to +200°C.

Property	*CTM	Unit	Value
Colour	-	Visual	Clear
Curing system	-	-	Acetoxy
Application temperature	-	°C	+5 to +40
Specific gravity	097B	g/ml	0.96 - 0.97
Extrusion	364C	g/minutes	800
Penetration	0155A	mm/30s	270
Tensile strength	0137A	MPa	2.0
Skin-over time 23°C	098B	Minutes	15
Elongation at break	0137A	%	570
Temperature resistance	-	°C	-40 to +100
Cure rate 23°C (1 day)	-	mm	2
2mm thickness S2 dumbbells (ASTM D412)			
E-Modulus 100%	0137A	MPa	0.4
Tensile strength	0137A	MPa	2.0
Elongation at break	0137A	%	570
Hardness (Shore A)	99E	Shore A	17
*Values listed are indicative and should not be used as specifications			
<ul style="list-style-type: none"> • Actual drying times depends on wind, humidity, temperature and film thickness • High humidity or low temperature and heavy films extend drying times • To determine if primer is required, sample should be tested • Primer selection is dependent on substrate 			

APPLICATIONS & AREAS OF USE

(Glazing, metal, varnished surfaces, fiberglass, sailcloth, canvas and most plastics)

- Deep freeze
- Fridge
- Boats (kayak)
- Swimming pool
- Home-made fountain / water feature

Not suitable for fish tanks.

NOTE: If there is any uncertainty regarding the application, adhesive tests should be carried out.

INSTRUCTIONS FOR USE

- Surfaces to be dry, clean dust and grease free
- Cut nozzle at an angle and extrude continuously
- Tool within 5 minutes, before material skins over

HANDLING, SAFETY AND STORAGE

Store in a cool, dry place, with temperature not exceeding 30°C. Consult expiry date on cartridge for shelf life

CLEANING

Clean as per recommended guidelines.

Available on request.

CAUTION/WARNING

- Avoid contact with skin and eyes
- Use only in well ventilated areas
- Keep away from children

PACKAGING

SILTECH MARINE is available in 280ml cartridges and 90ml blisters.

*Material safety data sheet available on request.

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.