



TECNOSIL A-97 HT

ISO 9001
BUREAU VERITAS
Certification

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Description:

Tecnosil A-97 HT is a one component acetic silicone sealant, of acetic reticulation, with high percentage of fungicide which cures in contact with air moisture at room temperatures. This process, allows it to form an elastic rubber resistant to ultraviolet rays and to weathering. It is indicated for the sealing of different pieces subject to high service temperatures. It has an outstanding adhesion on many substrates. Excellent electrical isolation. Excellent resistant to water, antifreeze liquids, oils, petrols, and other hydrocarbons. Easy to extrude. No paintable.

electronic components, fixing and sealing in fridges and boilers.

Instructions for use:

To obtain a perfect adhesion of the substrates, surfaces must be clean and free of dust, grease, oils, water, pollution, rust and so on. At certain times, in addition to a mechanical treatment, it is also recommended a cleaning process with organic solvents (alcohol or MEK) until all the polluting agents have been completely eliminated. In some cases and with some materials a priming process is also required. Do not use soaps, detergents or water. Place the nozzle on the cartridge and cut it according to the wished width joint. Press the sealant with the application gun to cover perfectly well all the joint and try to fill all the gaps in. Spread with a round spatula. Deep joints have to be filled with filling material to avoid the sealant to adhere to the bottom. Any change must be carried out before the end of the skin formation time.

Technical Data:

Composition:	Silicone elastomers
Presentation:	Boxes of 24 cartridges of 300 ml each one.
Appearance:	Tixotropic paste.
Colour:	Red

Security and health:

Avoid contact with eyes and mucous membranes and use in well ventilated places. In case of contact with eyes, rinse immediately with plenty of water and if necessary seek medical attention. For further information, please request safety data sheet.

Properties:	Value:	Unit:	Standard:
FRESH PRODUCT			
Skin formation time (23°C and 50% R.h.)	10 - 20	min.	M.I.
Curing rate (23°C and 50% H.r.)	2 - 4	mm/24h	M.I.
Application temperature	From +5 to +40	°C	---
CURED PRODUCT			
Hardness	20-25	ShA	DIN 53505
Tensile strength	1.5 - 1.7	Mpa.	DIN 53504
Elastic Modulus at 100%	0.5 - 0.7	Mpa.	DIN 53504
Elongation at break	300 - 500	%	DIN 53504
Service temperatura range	From -40 to +300	°C	---

Storage:

Keep in a cool, dry, well ventilated place at a temperature between +5°C to +35°C, away from heat sources and humidity. Pot life: 12 months in original unopened containers.

Cleaning:

Cured product: Mechanical means.
Fresh product: With organic solvents.

Remarks:

The technical information herein disclosed is based on the actual knowledge of QS Adhesives & Sealants, SL. The shown data is presented in good faith but without any guarantee. This also applies to any third-part property rights. Customers must check that the products are suitable for their processes and usage. QS Adhesives & Sealants, SL liability is limited to the value of goods supplied, regardless of the Terms & Conditions applied by the purchaser. All products are supplied as per highest quality standards and following our General Terms and Conditions. The only jurisdiction accepted by QS Adhesives & Sealants, SL is Alicante (Spain).

Source: Laboratory tests

Uses and applications:

Specially formulated for the sealing of joints subject to very high temperatures, bonding and sealing of sumps and water bombs, sealing of electric and