



TECNOSIL A-100

Universal Acetic sealant

ISO 9001 BUREAU VERITAS Certification		
COD.FICHA:	FT-350001-1	
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Description:

Tecnosil A-100 is a one component acetic silicone sealant, of acetic reticulation, with fungicide which cures in contact with air moisture at room temperature. This process, allows it to form an elastic rubber resistant to ultraviolet rays and to weathering. It has an outstanding adhesion on many substrates and a high adaptation to movement. Easy to extrude. No paintable.

Technical data:

Composition:	Silicone elastomers
Packing:	Boxes of 24 cartridges of 280 ml each one.
Appearance:	Tixotropic paste
Colour:	Translucent, white, black, grey, aluminium, bronze, pine, oak and sapelly color. Special colours under request.

Properties:	Value:	Units:	Standard:
FRESH PRODUCT			
Skim formation time (23°C y 50% r.h.)	15 - 35	min.	M.I.
Curing rate (23°C y 50% r.h.)	2 - 4	mm/24h	M.I.
Temperature of Application	From +5 to +40	°C	---
CURED PRODUCT			
Hardness	15-20	ShA	DIN 53505
Tensile strength	0.8 – 1.2	Mpa.	DIN 53504
Elastic Modulus at 100%	0.2 – 0.3	Mpa.	DIN 53504
Elongation at break	500 – 800	%	DIN 53504
Service temperature range	From -50 a +150	°C	---

Source: Laboratory tests.

Uses and applications:

Tecnosil A-100 is a sealant suitable for glazing, plumbing and DIY. It has a good adhesion on non-

porous materials such as glass, aluminium and vitrified elements.

Do not apply on concrete, stone, marble, granite, ferrous materials, copper, brass or rubbers. We have in our range of products sealants more convenient for those applications. Please test adhesion on unknown materials.

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 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.

Security and hygiene:

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.

Storage:

Keep in a cool, dry, well ventilated place at a temperature between +5 to +35 °C, away from sources of heat and humidity.

Pot life: 12 months in original unopened containers.

Cleaning:

Cured product: by Mechanical means.

Fresh product: With organic solvents.

Note:
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The user is obliged to ensure that our products are suitable for the process and the use in question.

In any case our liability is limited to the value of goods supplied by us and used by you. We provide products with consistent quality, according to our general conditions of sale and distribution