



TECNOSIL N-70

NEUTRAL SEALANT FOR GENERAL USE



Description:

Tecnosil N-70 is a one component neutral silicone sealant 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. Odor free.

Technical Data:

Composition:	Silicone elastomers
Packingº:	Boxes of 24 cartridges of 280 ml each one.
Appearance:	Tixotropic paste .
Color:	Translucent and White.

Properties:	Value:	Units:	Standard:
FRESH PRODUCT			
Skin formation at 23°C and 50% r.h.	5 - 15	min.	M.I.
Curing rate at 23°C and 50% r. h.	2 - 4	mm/24h	M.I.
Temperature of application	From -5 to +40	°C	---
CURED PRODUCT			
Hardness	20-25	ShA	DIN 53505
Tensile strength	1.2 – 1.3	Mpa.	DIN 53504
Elastic Modulus at 100%	0.3 – 0.4	Mpa.	DIN 53504
Elongation at break	500 – 700	%	DIN 53504
Service temperature range	From -50 to +150	°C	---

Source: Laboratory tests.

Uses and applications

Tecnosil N-70 is suitable for sealing with highest demand such as internal and external woodwork, expansion joints, perimeter joints, glazing, aluminium, wood lacquered, manufacturing processes in which a low odor is required (non irritating fumes), roofing, non-submerged canalizations, pipes, cable gland, etc. It has a very

good adhesion with construction materials like Stone, Concrete, Marble, Brick, PVC , etc. It contains fungicide which avoids blackness of the joint. 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: 14 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.

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