



TECNOPOL MS-50 MS Sealant - Adhesive

ISO 9001 BUREAU VERITAS Certification		
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Description:

Tecnopol MS-50 is a sealant adhesive of new technology based on silane-modified polymers of high quality, single component, high modulus suitable for sealing and bonding of most substrates used in the construction industry, shipbuilding, automotive, etc.. Remains elastic after cure. Excellent adhesion and chemical resistance. Good adhesion on wet surfaces, even under water paste. Paintable when dry. Product free of isocyanates. Excellent resistance to weathering and UV radiation.

Technical data:

Composition:	silane-modified polymers
Packing:	Boxes of 24 cartridges of 290 ml.
Appearance:	Creamy paste
Colour:	White / Grey / Brown

Properties:	Value:	Units:	Standard:
FRESH PRODUCT			
Specific Gravity:	1.44-1,46	g/cm ³	UNE-EN 542
Skim formation time (23°C y 50% h.r.)	15 - 30	min.	M.I.
Curing rate (23°C y 50% h.r.)	2 - 3	mm/24h	M.I.
Application temperature	+5 to +40	°C	---
CURED PRODUCT			
Hardness	45 - 55	ShA	DIN 53505
Tensile strength	1.8 – 2.2	Mpa.	DIN 53504
Elasticity Modulus 100%	1.1 – 1.3	Mpa.	DIN 53504
Elongation at break	200 – 400	%	DIN 53504
Service temperature range	De -40 a +90	°C	---

Source: Laboratory tests.

Uses and applications:

Especially suitable for: Sealing and bonding in metal buildings, bodies, etc ..., sealing concrete joints with little movement, setting tiles, prefabricated buildings (houses, offices, ... etc..). Suitable for all types of materials such as concrete, brick, marble, tiles, ceramics, cement, galvanized steel, iron, aluminum, wood, etc ...

It is recommended that adhesion tests on any material known by the user.

Instructions for use:

To achieve perfect adhesion to the substrate surfaces must be clean and free of dust, grease, oil, pollution, oxides, etc.... for it at times and a mechanical treatment is recommended cleaning with organic solvents (alcohol , acetone or MEK). Place the nozzle on the cartridge and cut the desired width push the product with the applicator gun to cover the entire board perfectly, spread with spatula dipped in soapy water. In bonding applications applying the product on one of the joining surfaces forming beads or dots according to the dimensions of the pieces. Approximate: 1 cartridge per 2 m2.

Security and hygiene:

Avoid contact with eyes and mucous membranes.
For further information, please request safety data sheet.

Storage:

Keep in a cool, dry, well ventilated between +5 to +25 °C, away from sources of heat and humidity.
Shelf life: 12 months in original unopened containers.

Cleaning:

Cured product: 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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