

ANTI-MOULD

ANTI-MOULD SILICONE

DESCRIPTION

ANTI-MOULD, is an one-component acetoxo cure silicone sealant for a range of general sealing and glazing applications. It provides a strong adhesion and suitable for use on common non-porous building materials.

Suitable for sealing around windows and doors, kitchens, bathrooms and uses requiring connection and expansion joints.

FIELDS APPLICATION

Apply to uses requiring elasticity:

- Kitchens
- Bathrooms
- Plumbing applications
- Doors and windows

May be used in:

- In DIY applications
- Connection and expansion joints on glass, porcelain, steel etc.
- Sealing electric, telephone etc. sockets and switches

ADVANTAGES-FEATURES

- Strong adhesion to nonporous materials
- Stays permanently elastic after curing
- Flexible in low and high temperatures

- Resistant to extreme temperatures
- Resistant to aging
- Resistant to cracking and discoloring

APPLICATION

The application temperature must be between +5°C and +40°C. In order to reduce the deformations of the joints, their depth must be much less than their width. Minimum dimension are 5x5 mm. For wider joints the depth should be preferably half of the width and adjusted by the use of a backup material.

After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish. Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically. Joint width and depth ratio should be about 2:1.

SUB-LAYER PREPARATION

The substrate must be cleaned of dust, loose particles, oils etc. The surfaces to be sealed must be clean, dry and grease free.

It is recommended the cleaning of joint with paint brush or special brush and after that we blow with compressed air.

NOT RECOMMENDED

For application in: Copper, Brazen, Lead, Bituminous surfaces, Asphalt, Neoprene, Certain organic elastomers. In totally confined spaces where sealant cannot cure due to lack of atmospheric moisture. On porous surfaces like marble, natural stone, concrete. Do not use it on mirrors and sensitive metals.

Not paintable. Not suitable for food contact applications. Do not contact with water. Avoid from direct UV. Exposing to bleach or HCL based brick cleaners while curing may discolour the silicone.

PRECAUTIONS

If swallowed seek medical advice immediately and show the product or the label. Avoid the inhalation of the sealant vapor for a long period. The application area must be ventilated properly. The uncured sealant must not be contacted for a long period. Cured silicone rubber bears no risk to temperatures between +5°C and +25°C. The shelf life is 18 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.

CLEANING OF TOOLS

The tools should be cleaned thoroughly as much as the material is still fresh with water. After curing of the materials, the tools are cleaned mechanically. Check MSDS guidelines for disposal and further information concerning safety.



Joint Width (mm)	CONSUMPTION (APPROX)	
	Joint Depth	Efficiency/310ml
6	6	8
9	6	6
12	6	4

TECHNICAL CHARACTERISTICS	UNITS	STANDARD	VALUE
Base			Silicone Polymer
Curing System			Acetoxxy
Destiny	(g/ml)	(ASTM D 792)	0,96 to 0,98
Shore A Hardness	(days)	After 28 days	15 to 25
Skin formation	(min)	(23°C and 50% R.H)	8 to 20
Curing rate	(mm/day)		Min. 2,5 mm/day
Tensile Strength	(N/mm2)	(ASTM D 412)	≥ 0,7
Elongation at break	(%)	(ASTM D 412)	≥ 350
Sagging	(mm)		0
Application Temperature	(°C)		+5 to +40
Color			Transparent/ White
Self life	(months)		18

Note: The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50 % and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorbability of the substrate.

The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.