



SILITEK

One-component waterproof silicone sealant



DESCRIPTION

SILITEK is a one-component acetic-cured silicone rubber sealant. It is particularly suitable for smooth, non-absorbent surfaces and for non-porous substrates such as glass and aluminum.

FEATURES

SILITEK guarantees a flexible and waterproof seal between non-porous substrates such as glass, ceramic tiles, metals and most plastics, allowing movement of the joints up to 25% of the original width.

The available colors are: transparent, white, black, brown, gray. Other colors are available upon request. The product does not have dips and dripping of the flow.

SILITEK complies with UNI 9610-9611 TT-S-001543 and SMC 10 and DIN 18545 part 2 ^ Class E specifications.

APPLICATIONS

SILITEK is particularly suitable for glass and prefabricated buildings. It can be used in production, for prefabrication assembly or directly on site.

The surfaces to be sealed must be dry and free of dust or other contaminants. Clean metals with a rag soaked in solvent; for glass use alcohol. For plastics consult the manufacturer about the appropriate cleaning procedure.

SILITEK adheres directly to most non-porous substrates, glass and anodized aluminum without primer. If in doubt, use the primer.

As a rule, the depth of the sealant should not exceed half the width of the joint. In no case must the depth of the sealant be greater than the width of the joint (eg: for a joint of 25 mm the recommended depth is 10 mm). For optimum performance, the depth of the sealant should not be less than 3mm or more than 10mm.

Fill materials are used to partially fill the joint, thereby reducing the depth of the sealing and providing a concave base, a key element for an effective joint. The recommended filling material for SILITEK is a flexible closed cell polyethylene foam strip. SILITEK is ready for use. After adequate preparation of the joint and masking, extrude the sealant directly on site and rectify within 5 minutes.

Immediately remove the masking tape and remove excess sealant with a dry rag.

PHYSICAL PROPERTY

Composition	Acetic polymerization silicone rubber
Color	Transparent, white, black, brown, gray
Specific weight (g / cm ³)	1.00 ± 0.03
Operating temperature	-50 ° + 180 °
Touch-out time	20-40 minutes
Useful working time	10-15 minutes
Vulcanization time	(25 ° C, 50% R.H.)
6 mm cord:	24 h



TECHNICAL FEATURES

(After vulcanization of 3 days at 25 ° C 50% R.H.)

Shore A hardness	23 ± 3
Tensile strength (Kg / cm ²)	18
Elongation at break (%)	180 ± 30
No coloring	
Resistance to atmospheric agents unchanged color and hardness (t = 10000 h) (ATLAS glass meter)	
Elastic recovery (%)> 90	
Exercise elongation / concentration (% joint width) 25	
Load at 50% elongation (Kg / cm ²)	2.8
Breaking load at 125% elongation (Kg / cm ²)	5

PACKAGING

300 ml cartridge in boxes of 24 pcs

VALIDITY

The product can be kept up to 12 months from the date of production, at a temperature equal to or below 30 ° C.

WARNINGS

It is not recommended to use it for joints subject to continuous abrasion and for building materials that exude oils, solvents or plasticizers. SILITEK should not be used for applications in entirely enclosed spaces, as it requires atmospheric moisture to cure. It is not recommended to apply it in total immersion in water and on surfaces in contact with which the acetic acid released during polymerization can react (eg. Cement, concrete, some metals, mortar, etc.).

ATTENTION

Irritating to eyes and skin. In case of contact, wash with plenty of water.
Keep out of reach of children.

LEGAL NOTICES

The information contained in this technical data sheet, while representing the most advanced stage of knowledge, does not exempt the user from carrying out accurate preliminary tests in their own conditions of use and operation. We therefore decline any responsibility for improper use of the product.

