

# MILDEW RESISTANT ACETIC SILICONE



## DESCRIPTION:

Acetic reticulation pure silicone dope with a high modulus of elasticity. Added with fungicide.

**CHARACTERISTICS:** Highly resistant to chemical and bacterial agents and to mechanical stress. Thanks to its excellent dielectric and mechanical characteristics it is suitable for the mechanic, hydrosanitary, electric, building, naval and aeronautic sectors.

**INSTRUCTIONS FOR USE:** Cut the cartridge spout and insert into the special gun. Properly clean, degrease and dry parts to be sealed. Treat highly alkaline supports and metals subject to oxidation with a special PRIMER.

## TECHNICAL DATA:

Reticulation	acetic
Density at 23 °C (ISO 1183, method A)	0,98 g/cm <sup>3</sup>
Shore hardness – A (ISO 868)	18
Ultimate elongation (%) (ISO 8339)	200 %
Modulus at 100 % elongation (ISO 8339)	0,36 N/mm <sup>2</sup>
Elasticity	excellent
Workability	about 5 minutes
Application temperature	+5 ÷ +40 °C
Working temperature (1)	-40 ÷ +100 °C
Specific electric resistance	6 · 10 <sup>12</sup> ohm · cm
Thermal conductivity	0,171 Kcal · m <sup>-1</sup> · h <sup>-1</sup> · °C <sup>-1</sup>
Skin forming time at 23 °C / 50 % relative humidity	25 minutes
Hardening time	2,0 mm / day
Chemical resistance (2)	excellent
Weatherability and resistance to ozone	excellent
Durability (in normal conditions) when polymerized	minimum 15 years
Tensile strength (ISO 8339)	0,6 N/mm <sup>2</sup>
Tear strength (ISO 34, method C)	4,0 N/mm
Resistance to UV rays	excellent
Corrosivity	null
Toxicity (after reticulation)	null
Odour (after reticulation)	null
Minimum preservability in stock (3)	6 months
Fire point (DIN 51795)	450 °C
Colors available	transparent, white RAL 9010, brown, gray, black, other colors on request

(1) Can bear peaks of +300 °C.

(2) Carry out preliminary tests according to the situation or ask for our laboratory advice.

(3) In a well-closed container, in a dry place and at ambient temperature.

**HANDLING PROCEDURE:** When in contact with eyes or the mucous membrane it can have an irritant effect (acetic acid). In this case wash with plenty of water.