

HIGH TEMPERATURE RED ACETIC SILICONE



DESCRIPTION:

One-component silicone sealant with acetic polymerisation with high elastic modulus of red colour resistant to high temperatures. Suitable for sealing of various kinds in building and industrial applications. The product polymerizes at room temperature under the action of atmospheric moisture to ensure a permanent and flexible silicone bonding even at high temperatures, it is in fact thermally stabilized and maintains a certain elasticity up to 260 °C with peaks of 275 °C.

ADVANTAGES:

- Do not run
- Immediate adhesion and flexibility capacity at high and low temperatures (-40 / +260 °C)
- Adheres well to glass, glazed surfaces, ceramic tiles, many plastics and most varnishes
- Maintains elastic properties even when exposed constantly at temperatures of 260 °C
- Resists short-term up to peaks of 275 °C and peaks of 300 °C
- Excellent processing characteristics for professional use.

APPLICATION AND RESISTANCE:

It adheres on all clean and degreased surfaces.

High resistance to chemical and atmospheric agents for a long time in case of open-air exposure.

Ideal for:

- Gluing and sealing of furnaces, chimneys, boilers and flues, industrial drains, flanged couplings, exchangers, etc.
- Sealing of parts of pumps, heating systems and appliances exposed to high temperatures
- Gaskets for automobile, industrial and marine engines
- Sealing of mechanical parts subjected to high temperatures

Limitations to use:

- Not recommended on substrates such as marble, concrete, cementitious fibers and mortar
- It must not be used in contact with metals such as lead, copper, brass or zinc as it causes corrosion
- It can take an abnormal colour in case of contact with some organic elastomers such as EPDM, APTK and Neoprene
- Not recommended for sealing aquariums
- Not recommended for use on natural stones such as marble, granite, quartzite, as it may cause stains
- It must not be used for gluing structural glazing
- It is not suitable for continuous contact with engine oils and fuels.

ADHESION:

The product performs an excellent adhesion without primer on most non-porous siliceous materials such as glass, ceramic, glazed and clinker tiles, impregnated or painted wood and some plastics. Users must perform their own tests due to the great variety of substances. Adhesion can be improved in many cases through the laying of a primer on the substrates. If you have difficulty in joining, please contact our technical service.

PREPARATION:

The substrate areas that will come into contact with the sealant must be clean, dry and free of loose material, dust, dirt, rust, oil and other contaminants.

Non-porous substrates should be cleaned with a solvent and a clean, lint-free cotton cloth. Remove the residual solvent before it evaporates with a new dry cloth.

TECHNICAL DATA:

Appearance	thixotropic paste
Color	red
Odor	characteristic of vinegar
Reticulation	acetic

STORAGE:

In its original packaging in a dry place, protected from direct light, in a cool environment at temperatures between +5 and +25 °C, it has a duration of 24 months. If the material is stored beyond the recommended expiration date, it is not necessarily unusable, but a quality control should be performed on the properties relevant to the application

SAFETY INFORMATION:

Ethanol is released during vulcanization. These vapours should not be inhaled for prolonged periods or in high concentrations. Therefore good ventilation of the workplace is required. If the unvulcanized silicone rubber should come into contact with the eyes or mucous membranes, the affected area should be washed thoroughly with water to avoid irritation. However, the cured silicone rubber can be treated without any risk to health.