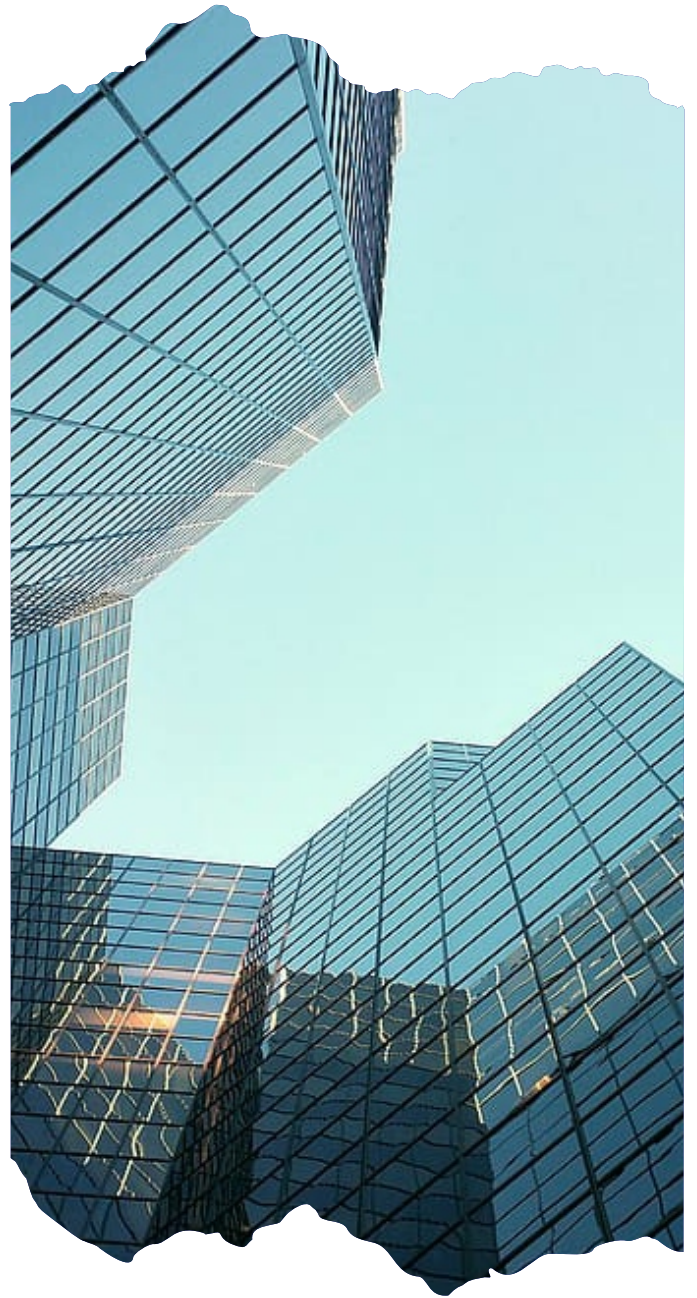


FANXISIL[®]



FANXISIL 7000



Acetic Silicone Sealant

www.thuanthienthanh.vn

Product description

One-component, acid-curing, low-modulus silicone sealant for glazing and industrial applications.

FANXISIL[®] 7000 cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.

Special features

- solvent-free
- non-sag
- ready gunnability at low (+ 5 °C) and high (+ 40 °C) temperatures
- low shrinkage on curing
- flexible at low (-40 °C) and high temperatures (+180 °C)
- low-modulus: better adhesion and higher safety
- rapid crosslinking: quickly becomes tack-free
- adheres excellently to glass, vitrified surfaces, ceramic tiles, many plastics and most paints
- excellent tooling properties
- long shelf life

Application

- glass and windows construction
- sealing of joints between glazing and supporting structure (frame, transoms, mullions)
- industrial application as sealant in the automotive, aircraft and shipbuilding industries

Restrictions on use

FANXISIL[®] 7000 should not be used on substrates such as marble, concrete, fibrous cement and mortar, as the product releases acetic acid during vulcanization.

FANXISIL[®] 7000 should not be used in contact with metals such as lead, copper, brass or zinc due to corrosion.

FANXISIL[®] 7000 may be discolored in contact with some organic elastomers, e.g. EPDM, APTK and neoprene.

FANXISIL[®] 7000 is not recommended for sealing of aquaria, please use our FANXISIL[®] 7000.

FANXISIL[®] 7000 is not recommended for use on natural stone, such as marble, granite, quartzite, as it can cause staining.

FANXISIL[®] 7000 is not recommended for structural glazing bonding.

Adhesion

FANXISIL[®] 7000 exhibits excellent primerless adhesion to most non-porous siliceous material, e.g. glass, tiles, ceramics, enamel, glazed tiles and clinker; impregnated, varnished or painted wood; and some plastics.

Users must carry out their own tests due to the great variety of substances.

The adhesion can be improved in many cases by pretreatment of the substrates with a primer.

If adhesion difficulties arise please contact our technical service.

Processing

The substrate areas that will be in contact with the sealant must be clean, dry and free of all loose material such as dust, dirt, rust, oil and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, lint-free, cotton cloth. Remove residual solvent before it evaporates with a fresh clean, dry cloth.

Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

During vulcanization acetic acid is released. These vapors should not be inhaled for long periods or in high concentration. Hence, good ventilation of the work place is necessary. Should uncured silicone rubber come into contact with eyes or mucous membranes, the affected area must be rinsed thoroughly with water as irritation will otherwise be caused. Cured silicone

rubber, however, can be handled without any risk to health.

Product data

Typical general characteristics	Inspection Method	Value
Product data (uncured)		
Consistency	ISO 7390, profile U 20	non-sag
Extrusion rate - volume flow at 23 °C		450 ml/min
Skin forming time at 23 °C / 50 % r.h.		10 min
Product data (cured)		
After 4 weeks' storage at 23 °C / 50 % rh		
Tensile strength	ISO 8339	0,60 N/mm ²
Elongation at break	ISO 8339	250 %
Modulus at 100 % elongation	ISO 8339	0,35 N/mm ²
Hardness Shore A	ISO 868	20
Movement capability	ISO 11600	25 %
Tear strength	ISO 34, method C	4,2 N/mm
Density at 23 °C	ISO 1183-1 A	1.02 g/cm ³

These figures are only intended as a guide and should not be used in preparing specifications.

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

FANXISIL® is a trademark of Thuan Thien Thanh Trading Service Production CO LTD

For technical, quality, or product safety questions, please contact:

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