

**DESCRIPTION:**

**ADINO SEAL GLAZING** is a solvent -free one -component, neutral -curing low modulus silicone sealant (RTV-1) based on an alcoxy curing system.

**ADINO SEAL GLAZING** has excellent tooling characteristics for construction and exterior weather sealing applications, low and high temperature (-40°C to +150°C) resistance, excellent weather ability.

**APPLICATIONS:**

**ADINO SEAL GLAZING** exhibits excellent primer less adhesion to many non - porous siliceous materials, e.g. glass, tiles, ceramics, enamel, glazed surfaces and clinker; metals, e.g. aluminum, steel, zinc or copper; impregnated, varnished or painted wood; alkaline and porous subs trates, e.g. concrete, mortar, masonry or brick; and many plastics.

- sealing of connection and expansion joints in the building industry
- sealing of perimeter joints
- sealing of joints between glazing and supporting structures (frames, transoms, mullions)

**TECHNICAL APPROVINGS:**

- Meets the requirements of SNJF, class 25 E, Façade & Vitrage.
- Meets the requirements of ISO 11600, F + G – Class 25 LM.
- Meets the requirements of ASTM C 920 (type S, class 50).

**PREPARATION :**

- The substrate areas that will be in contact with the sealant must be clean, dry and free of all 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 residual solvent before it evaporates with a fresh clean, dry cloth. Users must carry out their own tests due to the great variety of substrates, in particular in case of plastics. 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.

**STORAGE:**

Min. 12 months if kept in the original packing and stored in cool and dry conditions.(23°C – 50% RV)

**CLEANING:**

Before curing: a) Tools with white -spirit or solvent

b) Surfaces with Adino Cleaner.

After curing : Remove as much as possible mechanically; the remainder of the silicone with Silicone Remover.

**SAFETY:**

During vulcanization methanol and ethanol are released. These vapors should not be inhaled for long periods or in high concentration. Hence, good ventilation of the work place is necessary. Should unvulcanized RTV -1 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.

Keep out of reach of children. Cured silicone rubber, however, can be handled without any risk to health. Safety data sheet available on request.

**TECHNICAL CHARACTERISTICS:****Uncured sealant**

Type of sealant	Polysiloxanes
Density at 23°C (ISO 1183 – 1)	1,39 (g/ cm <sup>3</sup> )
Curing system	Vulcanising through moisture in the air
Vulcanisation rate	2.5 mm/24 hrs
Consistency (ISO 7390)	Non-sag
Skin-forming time at 23°C/ 50% r.h.	35 (min)

**Cured sealant**

Tensile strength (ISO 8339-A)	0,70 (N/ mm <sup>2</sup> )
Ultimate elongation (ISO 8339-A)	400 (%)
Modulus at 100 % elongation (ISO 8339-A)	0,40 (N/ mm <sup>2</sup> )
Hardness (ISO 868)	23 (Shore A)
Movement capability (ISO 9047-A)	25 (%)
Temperature resistant	40°C to +150°C

## ADINO SEAL GLAZING



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## TECHNICAL DATA SHEET

### **PROCESSING TEMPERATURE:**

Between +5°C and +40°C.

### **COLOURS:**

Black – other colors available on request with MOQ

### **PACKING:**

25 cartridges of 310 ml/280ml per box, 48 boxes/Pallet  
20 Sausages of 600ml per box, 30 boxes/pallet

**NOTE :** "The information contained herein is offered in good faith based on STRONGMAN CHEMICALS's research and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information shall not be used in substitution for customer's tests to ensure that STRONGMAN CHEMICALS's products are fully satisfactory for your specific applications. STRONGMAN CHEMICALS's sole warranty is that the product will meet its current sales specifications. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. STRONGMAN CHEMICALS's specifically disclaims any other expressed or implied warranty of fitness for a particular purpose or merchantability. STRONGMAN CHEMICALS's disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent. Technical indications and data appearing in this brochure are based on our current knowledge and experience and we decline all responsibility for consequences derived from inadequate use. Therefore, our guarantee is limited exclusively to the quality of the product supplied. This technical information can be modified without notice. If necessary request it periodically."

### **STRONGMAN CHEMICALS**

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