

# PROSYTEC

SEALANT

# TREMSIL TNC



## A ONE PART NEUTRAL CURING SILICONE SEALANT

### KEY BENEFITS SUMMARY

- **Label SNJF classification : elastomer 1ere cat.**
- **One component neutral silicone sealant.**
- **Adheres without primer on glass and aluminium substrates.**
- **Very good resistance to temperature variations, (-50°C to +150°C), weathering and aging.**
- **Colour : golden oak**

### DESCRIPTION

TREMSIL TNC is a one component, neutral elastomeric silicone sealant, without odour, ready for use for application on glazing joints. TREMSIL TNC cures at air temperature through action of air humidity.

Can be easily extruded and smoothed at high and low temperatures.

No shrinkage when curing, does not content any solvent and is not toxic.

### USAGE/PURPOSE

TREMSIL TNC adheres without primer on almost all building materials as glass and aluminium.

### Limitations of use

Do not apply TREMSIL TNC in confined areas. Do not apply thermal, mechanical, chemical loads before sealant is completely cured.

TREMSIL TNC and paint have a completely different modulus.

TREMSIL TNC should also not be painted.

### CHARACTERISTICS

TREMSIL TNC remains neutral with construction materials, including porous substrates.

It is a low modulus elastomere convenient for use on applications where joint loads are low and which guarantees the increased durability of the sealing joints.

The excellent curing characteristics of the sealant make the application and smoothing easy.

TREMSIL TNC

### Fresh sealant (not cured) :

- Type of sealant : Polysiloxanes
- Specific gravity (ISO 1183) : 1,39 g/ml
- Skin-over time (\*) : 25 min
- Tack-free time (\*) : 1-2 mm/24 H
- Application temperature range : +5 to +40°C

### Cured sealant

- Service temperature range : -50 to +150°C
- Hardness (Shore A) (ISO 868) : 22
- Elastic recovery (ISO 7389) : > 90%
- Tensile at 100% elongation : 0,38 MPa
- Elongation at break (ISO 8339) : 260%
- (\*) : at 23°C and 50% relative humidity.

### **METHOD OF APPLICATION**

Application procedure is particularly easy because products are ready for use. They are available in traditional cartridges which can be adapted on usual manual or pneumatic guns applicators, like every normal silicone sealant. Product is easily extrudable and does not flow so it can be applied on vertical surfaces and as a first coating.

Do not apply when substrate temperature is < 5°C or > 40°C (SNJF specifications).

### Joint preparation :

- The joint faces to be bonded must be clean, dry and free from dust, oil and grease.
- If a primer is used, for instance in case of joint immersion, please consult us before choosing the primer.

### Curing time :

Curing time -like for standard silicone sealants- depends on various factors : room temperature, humidity rate and sealant thickness.

### **COLOUR**

Golden oak

### **PACKAGING**

25 cartridges (310 cm<sup>3</sup>) per box.

### **STORAGE AND SHELF LIFE**

- 12 months shelf life in original unopened packaging.
- Store between 5°C and 25°C.

### **HEALTH & SAFETY PRECAUTIONS**

- Use in a well ventilated room or place.
- Do not breathe vapors during long period of times.
- Avoid any prolonged contact with skin.
- In case of eye contamination, rinse plenty-fully with water and seek immediate medical attention.
- Avoid any contact with food as long as silicone is not cured.
- Consult the safety data sheet.

### **CUSTOMER SERVICE**

PROSYTEC SAS has a team of experienced technical Sales Representatives who provide assistance :

■ **Tel : + 33.(0)1.34.58.57.03**

Technical, health, and Safety data sheets are available :

■ **Internet :**

<http://www.tremco-prosytec.com>

■ **Email :**

[prosytec@tremco-prosytec.com](mailto:prosytec@tremco-prosytec.com)

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### **Prosytec s.a.s**

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