



## IRFIX NEUTRAL SILICONE

### 1. Product Description

IRFix neutral silicone sealant is one part neutral curing, gunnable, alkoxy based siliconesealant.

### 2. Properties

- Neutral cure
- Low modulus, high elasticity
- Good unprimed adhesion to a variety of substrates
- Non corrosive to metals
- Easy to apply and tool
- Low odor
- Conforms to ISO 11600 – F&G – 25 ML
- Resistant to ozone, ultra-violet radiation and temperature extreme

### 3. Technical Information

Chemical Base: Neutral Alkoxy Silicone

Specific Gravity:  $1,01 \pm 0,03 \text{ gr/cm}^3$

(ASTM D 1045–86)

Tack Free Time: 45-50 min.

(23°C and 50% R.H)

Modulus at 100 %: 0,23 MPa

(ASTM D412)

Tensile Strength: > 1 MPa

(ASTM D412)

Elongation at Break: % 500

(ASTM D412)

Shore Hardness: 10 Shore A

(ASTM D 53505)

### 4. Application Details

Application Temperature: + 5 °C to +40 °C

Temperature Resistance: -45 °C to + 180 °C

The application surface must be solid, clean, dry and free of dust, oil and grease.

*It is used for glazing and weather sealing of all types of windows (PVC, wood, aluminum)*

*Adhesion to most porous and non-porous substrates including;*

- *Masonry*
- *Brick*
- *Aluminum*
- *Metals*
- *PVC*
- *Polyacrylate*
- *Polycarbonate*
- *Impregnated, varnished or painted wood*
- *Glass surfaces*
- *Glazing surfaces*

#### **5. Packaging**

*In 310 ml cartridge  
310 ml x 25 per box*

#### **6. Color**

*White, transparent, black, grey, brown, beige and various colors.*

#### **7. Shelf Life**

*Store the product in a cool and dry place.  
The shelf life is 12 months.*

#### **8. Caution**

*Keep out of reach of children.  
Avoid contact with skin and eyes. Use gloves before application  
Keep out of freezing, direct sunlight and temperatures above 50°C  
Apply in well-ventilated areas  
Do not breathe vapor  
Do not smoke*

#### **9. Health and Safety**

*For more information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing, physical, ecological, and toxicological and other safety related data.*