



**ELASTOTET S.A.**

**SEALING & ADHESIVE MATERIALS**

**Silicone, Acrylic & Polyurethane Sealants**

---

# IG - 1K

One component sealant based on special elastomeric resins.  
After application, in contact with air, the sealant is vulcanised to an elastic and cohesive mass.

## PHYSICAL PROPERTIES

1. Excellent adhesion to many substrates (**especially glass and aluminium**).
2. Easy application at temperatures from +5 to 40°C.
3. High mechanical strength.
4. Resistance to ageing.
5. Excellent resistance to UV radiation.
6. Excellent resistance to water or moisture exposure.
7. High temperature stability from -40 to 150°C.
8. Solvent-free.

## TECHNICAL PROPERTIES

### **α. Unvulcanized Rubber:**

- |   |            |
|---|------------|
| 1. Consistency :  | non-sag    |
| 2. Skin forming time :<br>(depending on environmental conditions) | 5-15 min   |
| 3. Curing speed:  | 2-3 mm/day |
| 4. Specific gravity:  | 1:26       |

### **β. Vulcanized Rubber:**

- |  |                       |
|--|-----------------------|
| 1. SHORE A - Hardness:                 | 35±2                  |
| 2. Recovery (160% extension for 24 h): | >95 %                 |
| 3. Tensile Strength (DIN 53504):       | 2,1 N/mm <sup>2</sup> |
| 4. Elongation at break (DIN 53504):    | 350%                  |

**Colours** : Black

**Storage** : Provided the material is stored in a cool (Temperature < 25°C) and dry place, it has a shelf life of at least 12 months from day of production.

## **APPLICATION FIELDS**

**It is recommended for the sealing of insulating glass, for structural glazing applications, and for solar heaters.**

**It is suitable for the joining of dissimilar materials (glass, wood, metal, etc.) and it can be used generally where high mechanical strength and adhesion ability is required.**

## **APPLICATION INSTRUCTIONS**

1. The substrates should be clean, dry and free of dust, oil, grease etc.
2. In double glazing applications it is recommended to use a butyl sealant or butyl tape between the glass and the aluminium profile as a primary seal.
3. Priming the substrate is not generally required. However, for coated aluminium, **ELASTOTET CLEANER NBM** should be used prior to the application of the sealant.

## **PACKAGING**

600 ml sausages.

### **Warning to users**

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELASTOTET GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELASTOTET is at their disposal to supply any additional information.