

## Polyuretane Foam

# REIS PLUS® 50

### PRODUCT

**Reis Plus®50** is an expanded adhesive with a base of polyurethane. Its formulation meets the norms of the European Community, does not contain CFC so does not contribute to global warming.

### SEGMENTS OF USE

**Reis Plus®50** is used for fixing window frames, door frames, filling gaps and other cavities, air conditioning tubes and ducts, toilets, heating ducts and electrical installations. It can also be used for fixing prefabricated structures and isolation panels.

### APPLICATION

For good adherence and resulting satisfaction, the surface to which **Reis Plus®50** will be applied should be clean, free of dust, contaminants and dirt (grease and oil). Before the application of the foam, the surfaces must be moistened with sufficient water which is fundamental to a correct curing of the foam since ambient moisture is not sufficient. Twist the adaptor with the extension tube firmly in the valve until it cannot turn more, but do not strip the threads. Take care not to operate the valve accidentally. Shake the tube rigorously a minimum of 15 to 20 times before beginning the application. Spray the foam inclining the adaptor and keep the tube above the opening. The quantity of foam can be controlled varying the position of the finger. The fresh foam will expand approximately 100% to 150%; that is why it should be controlled carefully. The dry excess foam should be removed quickly. The cured foam can only be removed mechanically.

**LIMITATION OF APPLICATION:** **Reis Plus®50** adheres to all kinds of construction materials. It does not adhere to polyurethane, silicone, oil, grease and demoulding agents. Gives excellent noise isolation. The dried foam is resistant to heat and cold (-40 F to 212 F) [-40°C to 100°C] but not to ultraviolet rays.

**Packed with pressure:** protect from the sun's rays and do not expose to temperatures above 122°F (50°C). Do not puncture or heat, including after use. Do not spray over fire or incandescent bodies.

**DO NOT SMOKE DURING USE.**



**FLAMMABLE PRODUCT**

### CHARACTERISTICS NA PERFORMANCE

|                             |  |
|-----------------------------|--|
| <b>CHEMICAL COMPOSITION</b> | Polyurethane-based foam  |
| <b>PHYSICAL STATE</b>       | Adhesive thixotropic foam that increases in volume outside the package |
| <b>PACKAGE</b>              | 500 mL and 750 mL aerosol tube   |
| <b>COLOR</b>                | Light yellow   |
| <b>CUT</b>                  | (20 mm edge) approximately 30 min.                                     |

### PHYSICAL PROPERTIES

| CHARACTERISTICS                | RESULTS                          |
|--------------------------------|----------------------------------|
| <b>Elongation to fracture</b>  | 30% (DIN 53455)                  |
| <b>Resistance to fracture</b>  | 18 N/cm <sup>2</sup> (DIN 53455) |
| <b>Water absorption</b>        | 0.3% (vol) (DIN 53455)           |
| <b>Work temperature</b>        | 41° F to 77° F (+5° C to +25° C) |
| <b>Application temperature</b> | 68° F (20° C)                    |
| <b>Dry to the touch</b>        | 25 minutes                       |
| <b>Time to cure</b>            | 6 to 8 hours                     |

### HEALTH AND SAFETY

Its use is recommended if possible in ventilated places. The product is harmful for inhalation and ingestion due to its composition containing diphenylmethane 4,4 diisocyanate. It can cause irritation in the eyes and skin and the respiratory system. In case of contact with the eyes, wash immediately with abundant water and consult a doctor. Do not breathe the spray. Contains isocyanate. Keep out of the reach of children and animals.

### STORAGE

**Reis Plus®50** should be stored in a dry and ventilated location at temperature less than 77°F (25°C).

### EXPIRATION

12 months.

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Our technical advice concerning the application of the product is made verbally, in writing and through demonstration depending on the interest of the customer.  
It should be noted that the application of the product is a precision process and when it is not applied by Reis e Reis, the company disclaims any responsibility; therefore, the responsibility is that of the customer. Regarding the storage and use of the product, any resulting change in its properties will be the complete responsibility of the customer.  
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