





# **SEALANT FOR GLAZING 1K**

## DEFINITION

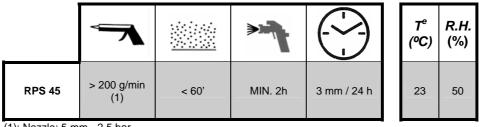
**RPS 45** is a single component polyurethane sealant that dries by means of a reaction with the environmental humidity and it is resistant to temperatures ranging from -30°C to 90°C, even 120°C can be reached for a short term period. It has high curing speed, great elasticity, it provides an antivibration effect and has no corrosive effects. It has good adhesion on such materials as aluminium, anodized aluminium, stainless and galvanized steel. It can be topcoated with a wide variety of paints at least 2 hours after application and it can be sanded afterwards. Paints based on alkyd resin are not suitable.

**RPS 45** is suitable for use in different automotive sectors, shipbuilding, refrigeration cameras, ventilation, air conditioning, DIY and general maintenance. It is not suitable for the sealing of glass or expansion joints in building constructions.

## PHYSICAL CHARACTERISTICS

Nature: Colour: Specific weight: Polyurethane White, black, grey 1,2 kg/l at 20°C

#### **APPLICATION**



(1): Nozzle: 5 mm - 2,5 bar

#### PROPERTIES OF PRODUCT AFTER CURE

|                        | RPS 45 | Units             | Test method |
|------------------------|--------|-------------------|-------------|
| Shore A Hardness       | 45     | min               | ISO 868     |
| Tensile strength       | 1,8    | N/mm <sup>2</sup> | ISO 37      |
| Tensile stress at 100% | 0,7    | N/mm <sup>2</sup> | ISO 37      |
| Elongation at break    | 600    | %                 | ISO 37      |





| REMARKS   |  |
|-----------|--|
|           | Clean and degrease the surface thoroughly before applying the sealant.<br>Long term resistance to water, sea water, diluted weak acids and caustics. Temporarily<br>resistant to solvents, lubricants and oils. NOT resistant to alcohols, organic acids, strong or<br>concentrated mineral acids and caustics.<br>Use <b>RD 610</b> degreaser to optimize the adhesion on aluminium (also anodized) and<br>galvanized steel. On stainless steel, after abrasion, use <b>RD 610</b> degreaser followed by<br><b>RP 630</b> primer.<br>Use acetone for cleaning uncured material as well as for bonding area. Do not use alcohols<br>to clean bonded parts. Alcohols block curing of PU sealants. |
| SAFETY    | Follow instructions of product label. For more information check the Safety Data Sheet SDS 802/EN. Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.  |
| STORAGE   | Store the product in a ventilated place far from direct exposure to sunlight. Keep between +5°C and +30°C.   |
| GUARANTEE | In unopened original packaging, one year from manufacturing date.  |
|           |  |
|           |  |
|           |  |
|           |  |
|           |  |
|           | formation contact with our Customer Attention Service or our Technical Department.<br>ines any responsibility due to an incorrect use of the product.  |