



# RPS 55

## D27

VERSION: 150608  
Page: 1/2

### SEALANT FOR GLAZING 1K

#### DEFINITION

**RPS 55** is a one part, very fast curing, polyurethane elastic adhesive sealant suitable for general sealing, joining and bonding of the different materials used in the automotive sectors. It is an easy to apply and to smooth product that offers excellent adhesion to metal primers and 2k paint coatings, metals and painted plastics.

It can be top-coated 1 hour and a half after application.

**RPS 55** has a high curing speed because of a reaction with environmental humidity at ambient temperature. Once dry, it provides good proprieties such as resistance to water, humidity, temperature changes or vibrations.

#### PHYSICAL CHARACTERISTICS

|                         |                     |
|-------------------------|---------------------|
| <b>Nature:</b>          | Polyurethane        |
| <b>Colour:</b>          | White, black, grey  |
| <b>Specific weight:</b> | 10,8 lb/gal at 68°F |

#### APPLICATION

|               |                                                                                     |                                                                                     |                                                                                     |                    |                     |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|---------------------|
|               |  |  |  | <b>T°<br/>(°F)</b> | <b>R.H.<br/>(%)</b> |
| <b>RPS 55</b> | 25 min–<br>30 min                                                                   | 1,5 hrs                                                                             | ≈ 5,0 mm/<br>24 hrs                                                                 | 75                 | 50                  |

#### PROPERTIES OF PRODUCT AFTER CURE (75°F, 50% R.H.)

|                            | <b>RPS 55</b> | <b>Units</b>      | <b>Test method</b> |
|----------------------------|---------------|-------------------|--------------------|
| <b>Shore A Hardness</b>    | 55-60         | min               | DIN 53505          |
| <b>Tensile strength</b>    | 2,0 ± 0,1     | N/mm <sup>2</sup> | DIN 53504          |
| <b>Elongation at break</b> | ≥300          | %                 | DIN 53504          |

|                                 |                   |
|---------------------------------|-------------------|
| <b>Application temperature:</b> | +41°F to +95°F    |
| <b>Temperature resistance:</b>  | - 104°F to +140°F |

#### USAGE

Preparation of the surface: Surface must be clean, dry, free of water, oil, grease and rust before applying the sealant.

Application: The sealant may be applied easily at temperatures between +41°F and +95°F by means of manual or pneumatic gun. However, the optimum operating temperature for both

substrate and sealant is between 59°F and 77°F. Do not apply at temperatures below 41°C or above 104°F.

Cleaning: Use white spirit or other suitable solvent for cleaning uncured **RPS 55**. However once cured, the product can only be removed mechanically.

Over-painting: In general the sealant RPS 55 can be over-painted. It is advisable to test it previously to verify its compatibility. Attention must be observed with the use of alcohol or alkyd-resin since they may interfere with the curing process of the sealant and modify the drying time of the paint itself. The hardness and rigidity of the paint film may impair the elasticity of the sealant and lead to cracking of the paint film.

#### EQUIPMENT CLEANING

Clean with a cleaning thinner before the product hardens.

#### SAFETY

Follow instructions of product label. For more information check the Safety Data Sheet. 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 +40°F and +90°F.

#### GUARANTEE

In unopened original packaging, one year from manufacturing date.

For any technical information contact with our Customer Attention Service or our Technical Department.  
ROBERLO SA declines any responsibility due to an incorrect use of the product.