



# WINDSHIELD-PU 230

One-component moisture curing polyurethane adhesive in the form of thixotropic paste. After application, in contact with air, the sealant is vulcanised to strong elastic and cohesive mass with excellent mechanical properties.

**Colour:** Black

## PHYSICAL PROPERTIES

- Elastic performance and movement capability.
- Adhering ability to dissimilar substrates.
- Easy application at temperatures from +5 to +40°C.
- Very good resistance to aging (UV and moisture).
- High mechanical strength.
- Service temperature: -20 to +90°C
- **PAINTABLE.**

## TECHNICAL PROPERTIES

### a. Unvulcanized Rubber:

- Consistency: non-sag
- Skin forming time: 30 min (23 °C, 50% RH)
- Curing speed: 4 mm/1 st day (23 °C, 50% RH)
- Specific Gravity: 1.2

### b. Vulcanized Rubber:

- SHORE A - Hardness: 55
- Movement capability: 25%
- Tensile strength (DIN 53504): 5,5 N/mm<sup>2</sup>
- Modulus at 100% elongation (DIN 53504): 2,0 N/mm<sup>2</sup>
- Elongation at break (DIN 53504): 450 %

## APPLICATION FIELDS

It is recommended for elastic bonding applications between similar and dissimilar substrates in automotive, industrial and naval applications. It is especially suitable for use as windscreen adhesive in vehicles.

## APPLICATION INSTRUCTIONS

**Substrate preparation- Priming :** The substrates should be dry, free of dust or any other type of contamination. Glass or metal substrates should be primed with **ELASTOTET PRIMER DM**. For glasses without ceramic frit, please apply also the black **ELASTOTET PRIMER AP** in order to protect the adhesive from UV rays. **WINDSHIELD-PU 230** can be applied directly on freshly cut polyurethane-based adhesives.

### Sealant application:

- 1) We cut the nozzle slantwise to form an opening proportional to the joint width.
- 2) We put cartridge/sausage into the hand- or air gun and we extrude a bead of sealant on the edge of the glass and mount the glass onto the vehicle within the next 10 minutes. **WINDSHIELD-PU 230** should be applied immediately after the application of **ELASTOTET PRIMER DM6** (within 10 – 15 min) in order to avoid contamination of the substrate by atmospheric impurities.
- 3) Excess uncured sealant should be wiped and cleaned with a commercial solvent such as xylene, white spirit or acetone; cured sealant can only be removed by abrasion.

### Packaging

- Cartridge of 310ml, carton of 12 pieces
- Sausage of 400ml, carton of 30 pieces
- Sausage of 600ml, carton of 15 pieces

### Shelf life:

9 months minimum when stored in places with normal temperature and humidity.

### WARNING TO USERS

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