



**ZETTEX**  
STICK WITH US

## TECHNICAL DATA SHEET

### PU 75

**Zettex Europe B.V.**  
Plaza 20, 4782 SK Moerdijk  
The Netherlands  
+31 (0)888-93 88 39  
[info@zettex.com](mailto:info@zettex.com)  
[www.zettex.com](http://www.zettex.com)

#### Product description

ZETTEX PU 75 is a one-component, high viscosity, flexible and high-performance polyurethane adhesive that cures on exposure to atmospheric moisture to form a tough, durable adhesive. Completely solvent free it is odorless and also nonconductive allowing the correct bonding to glass incorporating radio antenna or additional electrical equipment. Highly resistant to UV irradiation, weathering and ageing.

#### Material

Polyurethane

#### Advantages

- One-component polyurethane
- Suitable for cold application
- High viscosity – high initial tack and non-sag properties
- Short cut-off string
- Suitable for use with integral aerials.
- Prevents contact corrosion in aluminum-body vehicles.
- High UV resistance and colour stability

#### Applications

- ZETTEX PU 75 is specifically addressed to the glass replacing and installation of front, side and rear windshields in the sector of Bus, Truck, Railway and industrial vehicles. Thanks to its high viscosity it guarantees a very high initial tack and is suitable for the application of large surfaces glasses typical in the BTR. Suitable for elastic structural bonding (assembly of various materials which are subjected to high thermal and dynamic stress) in the transportation Industry. The product is also characterized by a very good UV resistance and color stability making the product ideal for the sealing of exposed joints, including joints between lateral glasses. This once cured it provide an excellent semi-matt appearance for aesthetical purposes.
- The surfaces to be treated should be perfectly clean, dry and free from dust and grease. It is necessary to apply a Cleaner/Activator and a Primer on glass. The adhesion on normal vehicle varnishes generally does not require the use of Primer. It is advisable to carry out preliminary adhesion tests on the support. Specific guidance regarding the use of Primers may be obtained by submitting substrate samples to our Laboratories.

#### Safety recommendations

Make sure you have read our MSDS carefully before using this product.

#### Packaging

- Cartridge 310 ml

#### Storage

ZETTEX PU 75 can be stored for 12 months in its original packing (unopened container) at 10°- 25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time. Keep away from wet areas, direct sunlight and heat sources.

Properties	Specifications
Chemical nature	Polyurethane
Curing Mechanism	Moisture-curing

Colour	Black
Density [g/cc]	1,28 ± 0,02
Curing through volume [mm] 3 (1 day at 23°C and 50% r.h.)	> 3
Tack-free time [min] (23°C and 50% r.h.)	35 ± 5
Shore A hardness [N/mm <sup>2</sup> ]	60 ± 5
Elastic modulus at 100% [N/mm <sup>2</sup> ] (ISO 37 DIN 52455)	≥ 2,5
Tensile strength [N/mm <sup>2</sup> ] (ISO 37 DIN 53504)	≥ 10,0
Elongation [%] (ISO 37 DIN 53504)	≥ 600
Electrical volume resistivity [Ω·cm]	1 × 10 <sup>6</sup>
Application temperature [°C]	from +5°C to +40°C
Temperature Resistance [°C]	-40°/+100°, with brief points at +120°