



ZETTEX

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TECHNICAL DATA SHEET

PU 50

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Product description

Zettex PU 50 is a high-quality multi-purpose non-sag 1-c polyurethane adhesive/sealant that cures on exposure to atmospheric humidity to form a durable elastomer. Suitable for sealing interior lap seams in many applications, including truck trailers, RV's, metal roofs, grain bins and Sealing rivet seams.

Material

Polyurethane

Advantages

- Very fast skinning and curing time.
- Can be easily tooled, brushed and smoothed.
- Capable of withstanding high dynamic stresses.
- Bonds and seals at the same time.
- Wide spectrum of adhesion.
- Permanently flexible.
- Vibration and sound dampening properties.
- Over- paintable (preliminary tests recommended).

Applications

- The surface must be clean, dry, free of water, oil, grease or rust and of sound quality. Remove all kind of residues or uncured glue with Zettex Profireiniger. Pre-test substrates for adhesion. Cleaners and primers may be required to achieve an optimal adhesion.
- Long term resistance to fresh water, seawater, lime water and cleaning agents. Short term resistance to petrol, grease and mineral oil. Not resistant to organic acids, concentrated mineral acids, pool water, caustic solutions or solvents.
- Do not cure in the presence of curing silicone sealants. The Zettex PU 50 can be over-painted, but it must be tested for compatibility by carrying out preliminary trials. Attention must be observed as well with the use of alcohol or alkylid-resin since they may interfere with the curing process of the sealant. This could reduce the curing and drying time of the paint itself. After all, clean tools with Zettex Profireiniger. Cured material can only be removed mechanically.

Areas of application

Zettex PU 50 is a suitable for sealing, seam sealing, simple bondings as well as for vibration reduction and sound deadening measures in car body repair and car body construction. Suitable substrates are metals, metal primers, paint coatings (2-c systems) and painted plastics.

Safety recommendations

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

Packaging

- Cartridge 310 ml.
- Sausage 600 ml.

Storage

ZETTEX PU 50 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.

Certificates

-UNI EN IS 9001



ISO 9001

Properties	Specifications
Appearance	Thixotropic paste
Colour	White, grey, black.
Chemical Nature	Polyurethane
Curing Mechanism	Moisture-curing
Curing through volume [mm] 3 (1 day at 23°C and 50% r.h.)	>4
Shore A (23°C and 50% r.h.; DIN 53505)	52
Density [g/cc]	Black: 1,24 +- 0,02 Grey: 1,27 +- 0,02 White: 1,30 +- 0,02
Tack-free time [min] (23°C and 50% r.h.)	25-30
Tensile strength [N/mm ²] (ISO 37 DIN 53504)	≥ 2.0
Elongation [%] (ISO 37 DIN 53504)	≥ 250
Application temperature (°C)	from +5°C till +40°C
Temperature Resistance (°C)	-40°C/+90°C, short period up to 120°C