



CHARACTERISTICS

- High-Quality 2-Component Polyurethane Adhesive
- Fast build-up of internal strength. The glue obtains most of its final strength already after a couple of hours
- High end strength
- Paintable with most water and solvent based paints
- High water resistance
- No air moisture needed to harden
- Shrink-free
- Solvent free
- Low odour
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APPLICATIONS

- Suitable for permanent water immersion after drying.
- Bonding of angle irons in profiles of windows, doors and gates.
- Car bodywork and metal construction.
- Bonding on concrete, masonry, plaster, wood, metal, PVC, etc.
- Indoor and outdoor use.
- Bonding of plastics (PVC, acrylic, HPL, polyester...).

TECHNICAL CHARACTERISTICS

Type of product	Polyurethane
Density (g/ml)	1.08
Number of components	2
Consistency	Pasta
Tensile strength (N/mm ²)	20 (>48h - 20°C)
Thermal conductivity coefficient (W/(m.K))	0.2
Curing time	12 hours
Manipulable after (min.)	60
Mixing ratio	1:1
Application temperature	+10°C - +30°C
Temperature resistance	-40°C - +90°C
Curing system	Curing by chemical reaction
Working time at 23 degrees C and 50% R.H.	15 minutes
Shore D hardness	40
Viscosity (mPa.s, Brookfield)	50,000
Shelf life of unopened product	12 months
Storage conditions	Store in a dry place at +20°C - +30°C, protected from light and heat sources

PACKING AND COLOURS

6 x 2 side by side cartridges 400ML/box - 600 pieces/pallet

Transparent

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply

METHOD OF USE

Preparation

- The surfaces must be solid, dry and free of dust and grease.
- If needed degrease the materials to be glued with Parasilico Cleaner, MEK, fire alcohol, ethanol.
- Use in well-ventilated rooms. Good ventilation is important during application and curing of the product.
- It is recommended to carry out tests on every surface before use.
- The user needs to make sure that the product is suitable for the application. Consult our technical service if necessary.
- Wear gloves and safety glasses.
- Thermoplastic materials such as PVC, polycarbonate, PMMA... can be pre-treated with isopropanol. The use of strong solvents should be avoided, as they can damage the surface.
- For lacquered surfaces, perform a mechanical sanding operation to remove paint from the surface to be bonded and to increase the strength of the bonding.

Application

- The user must test and approve the product for the specific application required.
- Check the homogeneous mixing of the mixture. Do not use the first 2 cm product to be sure.
- Remove the protective cover and break the seal with a lifting motion.
- Use the supplied mixer nozzle. This nozzle has at least 16 elements. A nozzle with fewer elements makes complete mixing impossible, a nozzle with more elements increases the chemical reaction rate of the curing.
- Apply with a manual 2-component dosing gun for side-by-side cartridges or an accu or pneumatic gun for 2-component adhesive in side-by-side cartridges. The maximum pressure is 7 bar.
- The mixture must be applied directly from the mixer nozzle to the pre-treated and dry surface in a layer of at least 0,5 mm thick.
- Bring the materials together within the processing time and press over the entire adhesive surface for 1 hour.
- For the bonding of angle irons: apply the adhesive in several layers in the profiles and place the angle iron in the adhesive. It is also possible to apply the adhesive by post-injection in the provided opening of the profile.
- Avoid loading the bonded parts within the hour after bonding.

Cleaning

- Uncured, redundant product can be removed with PU Foam & Gun Cleaner
- Uncured, redundant product can be removed with acetone
- After use it is recommended to wash the skin well with warm water and soap. The use of solvents is not recommended
- After curing remove mechanically.

SAFETY

Consult the safety information on the packaging and the safety data sheet for more information.

POINTS OF ATTENTION

- Not suitable for use on butiminous surfaces.
- Not suitable for use on PE, PP, PA, PTFE (Teflon).
- Not suitable for use on EPDM.
- Not suitable for contact with edge sealing of insulating glazing. Avoid direct contact.
- Not suitable for contact with PVB films of laminated glass. Avoid direct contact.
- Do not expose to UV exposure for long periods. In case of prolonged exposure, cover the product.

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- Not suitable for bonding silicone
- Avoid contact between unpolymerized substances and foodstuffs or kitchen utensils and take all necessary precautions to avoid contact with the skin, as it may cause harm to hypersensitive people.

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