



CHARACTERISTICS

- High-Quality 2-Component Polyurethane Adhesive
- Ultra high final strength
- Paintable
- With filling properties
- No air moisture needed to harden
- Shrink-free
- Tixothrope: cannot drip, flow or spill and makes no threads
- Solvent free
- Very fast strength build-up. Functional strength after 4 hours.
- Good heat resistance
- After full curing, withstands short-term exposure in a powder coating oven up to 230°C.
- Good resistance to moisture, alcohols, oil, diesel, and diluted bases and acids

APPLICATIONS

- Bonding of corner brackets in profiles of windows, doors and gates, suitable for both the classical and injection method.
- Indoor and outdoor use.
- Bodywork construction, container construction, ventilation and air conditioning, conservatory construction and metal construction
- For strong bonding of various materials such as plastics (PVC, acrylic, GRP, polyester), metal, wood, concrete, stone, natural stone, aluminium, polystyrene and polyurethane.
- Assembly of metal frames and structures
- For bonding plastic components in furniture manufacturing, metal components in mechanical engineering and components in the solar energy industry.

TECHNICAL CHARACTERISTICS

| | |
|---|---|
| Type of product | Polyurethane |
| Number of components | 2 |
| Consistency | Pasta |
| Curing time | 24 hours |
| Shear strength (N/mm ²) | After 24 hours curing at 23 °C: 10-16 N/mm ² |
| Manipulable after (min.) | 240 |
| Mixing ratio | 1:1 |
| Application temperature | +10°C - +35°C |
| Temperature resistance | -30 °C - +90 °C (up to +230 °C for 30 minutes) |
| Curing system | Curing by chemical reaction |
| Working time at 23 degrees C and 50% R.H. | 25 minutes |
| Shore D hardness | 80 |
| % Elongation at break: ISO 37 | 15 |
| Shelf life of unopened product | 12 months |
| Storage conditions | Store in a dry, cool place at +5°C to +25°C. Keep out of direct sunlight. |

PACKING AND COLOURS

10 x side by side cartridges 600ML/box - 600 pieces/pallet

Beige

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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.
- It is recommended to carry out tests on every surface before use.
- 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.

Cleaning

- Uncured, redundant product can be removed with PU Foam & Gun Cleaner
- Uncured, redundant product can be removed with acetone
- After curing remove mechanically.

SAFETY

Consult the safety information on the packaging and the safety data sheet for more information. Professional use requires mandatory PU training since 24/08/2023. More information: www.dl-chem.com/pu_training

POINTS OF ATTENTION

- Not suitable for permanent submersion.
- 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 bonding silicone
- When used on plastics, clean the surface thoroughly. It is advisable to perform an adhesion test beforehand.
- Adhesion on painted or coated substrates must be tested beforehand.
- Not resistant to aromatic and chlorinated hydrocarbons, concentrated organic and inorganic acids and bases.
- For bonding on copper, brass and bronze, test adhesion beforehand.
- Not suitable for use on PVB foils of laminated glass and on edge seals of insulating glass. Avoid direct contact.
- Under direct UV exposure, yellowing may occur over time. The mechanical properties are not affected by UV light.

TECHNICAL APPROVALS AND QUALITY LABELS

- French VOC emission class A+



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