

# Power PU Bond

*2K PUR Adhesive*

V01

08/2025

## Description

2K polyurethane adhesive

## Area of application

- Structural and decorative repair of different plastic parts (pumper, fenders etc.)
- Application is also possible on metal, wood or glas
- Easy rework like grinding, drilling
- Sealing of gaps, joints and seams
- Extremely long-lasting weather resistant

## Benefits

- Fast-drying
- Overpaintable

## Product Data

|                         |                        |
|-------------------------|------------------------|
| Chemical Base:          | 2K - Polyurethane      |
| Colour:                 | Black / Transparent    |
| Density:                | 1,16 g/cm <sup>3</sup> |
| Mixing rates:           | 1:1                    |
| Gap filling capability: | 30 mm                  |
| Viscosity:              | 30.000 mPas            |
| Handling temperature:   | Optimum + 23°C         |

## Drying Properties

|                                 |                   |
|---------------------------------|-------------------|
| Handling time/ pot life (20°C): | 1 - 1,5 Min.      |
| Tack free time (20 °C):         | ca. 5 Min.        |
| Sandable 20 °C):                | after 15 - 20 Min |

## Technical characteristics of hardened product

|                                  |                      |
|----------------------------------|----------------------|
| Tensile strength:                | 22 N/mm <sup>2</sup> |
| Temperature resistance:          | -40°C bis + 120°C    |
| Hardness Shore-D:                | 65 - 70              |
| Elongation at break (ASTM D638): | 170 %                |

## Application advice

The 25 ml cartridges are dispensed by hand. The 2-component adhesive is mixed using the static CS Power PU Bond Mixer mixing nozzles when the attached double syringe is activated. The 50 ml cartridges are dispensed and applied using the CS Power PU Bond Gun (dispensing gun). The static CS Power PU Bond Mixer mixing nozzles reliably mix the two components into a homogeneous product. Mixing nozzles can only be used once.

A bonding primer is not required.

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Power PU Bond can be stored cool and dry at between +10 °C and +20 °C. Shelf life in the original container is approximately 12 months.

Protect from frost, heat, sunlight, and moisture. Keep the container tightly closed in a cool, dry place. Recommended storage and transport temperature range: +5 °C to +35 °C. Avoid extreme temperature fluctuations.

Note: Storage and transport temperature must not fall below +5 °C. Allow the product to reach room temperature before use.



## **Safety issues**

Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

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