

Technical Data Sheet

technicoll® 8002 Plastic adhesive, PVC-adhesive



Field of application

Bonding PVC-plasticised foils to each other, as well as PVC-unplasticised and other substrates.

Examples of use

Rubber boat, swimming pool lamination, pond lining, bathing articles and vehicle canvas cover made of PVC-plasticised.
For re-application and repair work.

Handling data and product data

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| Base | polymer |
| Viscosity (+20 °C) | 35 s/6 mm, medium viscosity |
| Solid content | approx. 27% |
| Density | approx. 1.0 g/cm ³ |
| Colour | colourless, transparent |
| Wet bonding time | approx. 10 to 30 seconds (one-sided application) approx. 1 minute (two-sided application) |
| Way of application | one- and two-sided |
| Processing temperature | +15 °C to +25 °C |
| Consumption | 150 - 250 g/m ² |
| Dilution | not necessary, possible with technicoll® 8362 |
| Cleaning agent / material | technicoll® 8363, technicoll® 9902 (plastics cleaning spray) |
| Cleaning agent / tool | technicoll® 8362, technicoll® 9901 (spray) |
| Cleaning | Cured adhesive can only be removed mechanically. |
| Maximum time of storage | At least 3 years when stored in sealed original packaging in cool and dry places. |
| Preferred storage temperature | +10 °C to +25 °C |
| Behaviour at low temperature | Not susceptible to frost. Densification at low temperature. Once adjusted to processing temperature: fully employable. |

Favoured substrates

- PVC-plasticised
- PVC-unplasticised
- faux leather
- derived timber product
- textiles
- paper, paperboard
- PUR-foam

Not suitable for: PE, PP, PTFE (Teflon®), POM, silicone, EPDM, PS-rigid foam (e.g. Styropor®)

Due to the large variety of possible materials and differences in adhesion behaviour hazard tests are mandatory before introducing the adhesive into the actual production process.

Surface preparation

Bonding surfaces must be dry and clean, especially free of oil, grease or release agents. Use technicoll® 8363 for cleaning plastic surfaces.

Application

Apply a thin layer of technicoll® 8002 to one or both sides. For porous surfaces a second layer of technicoll® 8002 may be necessary.

Adhesion

Join the parts right after the adhesive is applied, so both sides of the substrates are covered with wet adhesive. The wet bonding time when applying to one side is about 10 to 30 seconds, max. 1 minute when applying to both sides. Assemble the substrates under pressure until a sufficient strength for further processing is achieved (probably 5 to 10 minutes).

Wait for a couple of days before assessing the final strength.

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Deviating information of earlier versions is invalid.

Special notice:

All information given on this data sheet is based on our knowledge and experience at the time of printing. The information is not binding. We advise to determine the suitability of our products with respect to their intended use and method of application. Therefore, a warranty claim cannot be granted.