SOUDAL

Technical datasheet

PVC glue

Product description

PVC glue is a ready to use gel type solvent based adhesive with filling characteristics based on vinylchloride.



Properties

- Fast drying
- High adhesive strength
- Maximum 0,8 mm tolerance in splits
- Max. fitting tolerance of 0,2 mm
- Temperature resistance 80°C in normal applications
- Withstands temperatures of maximum 50°C when applied on pressure systems
- The adhesive layer has the same characteristics as the PVC material

Applications

- Bonding of pipes, fittings and other materials from hard PVC (both for pressure pipes and drainage)
- Bonding of PVC pipes and -materials in sanitary applications

Technical data

Base	Solution of PVC in a mixture of solvents
Consistency	Gel
Curing system	Physical drying and crystallisation
Density	ca. 0,95 g/ml
Viscosity	ca. 6.000 mPa.s
Consumption	500 - 1000 g/m²
Application temperature	5 °C - 25 °C

Footnote: evaporation time, open time and curing speed may vary depending on environmental factors such as temperature, moisture, and type of substrates.

Substrates

- Substrate condition
  The surface must be rigid, clean, dry, free of dust and grease.
- Substrate preparation
  Clean with PVC Degreaser or roughen the surface with sanding paper P100 or finer.
- Substrate types
  PVC glue has a good adhesion to following substrates: PVC. We recommend a preliminary adhesion test on any substrate.

Application method

- Application method
  Apply PVC glue with brush quickly and evenly lengthwise on both parts to be bonded. Bring the parts together immediately without twisting and press firmly. Remove excessive adhesive with Soudal Adhesive Remover. Do not apply mechanical stress to the adhesive bond the first 10 minutes. During pressure tests respect a drying time of approximately 1 hour at 1 bar (The drying times are increased below 10°C).
- Cleaning method
  PVC glue can be cleaned before curing from tools and material with Soudal Adhesive Remover, Soudal Swipex Wipes or white spirit. Cured product can only be removed mechanically.

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- Repair method
  Repair with the same material.

Health- and Safety Recommendations

Dangerous. Respect the precautions for use.
In case of insufficient ventilation it is appropriate to wear respiratory protection.
Use only in well-ventilated areas.
Take the usual labour hygiene into account. Consult the packaging label and safety data sheet for more information.

Packaging/Logistics

Packaging: Various sizes available. Please consult the product catalogue, the Soudal website or a Soudal representative.
Shelf life: 24 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C

Standards and certificates

- Tested and approved according to EN14680 in order to comply with the statutory CE marking.
- Tested and approved according to EN14814 in order to comply with the statutory CE marking for PVC-U pipes and fittings in cold water applications (maximum 16 bar pressure).

Remarks

- Do not join two parts with a turning movement in order to protect the waterproofness of the PVC tubes. Wait at least 6 hours before using pipes again (24 hours for pipes under pressure).

This technical data sheet replaces al previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. It is general in nature and does not constitute any liability. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application. In every case it is recommended to carry out preliminary experiments. The manufacturer reserves the right to modify products without prior notice.

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