PENOSIL

TECHNICAL DATA SHEET

PENOSIL SpeedFix Clear 909

Transparent solvent-based adhesive

Transparent mounting adhesive with a high initial strength, able to fill and bond a wide range of substrates with a very high speed. Easy use. Ideal for all kinds of fixations in the construction industry.

Main benefits

- Translucent
- Super-fast bonding
- Extra-strong bonding
- Excellent adhesion with many materials
- Does not need primers
- Resistance to water and low temperatures
- For interior and exterior use
- Paintable

Fields of application

- For gluing of skirting boards, panels, plinths, mouldings, strips, profiles, railings, mailboxes, signs.
- Installation of wood structure elements, wood and plaster boards as well as decorative panels in order to strengthen screw connections and reduce screw usage.
- Ideal for fastening color-coated glass, stained glass, decorative glass and shower screens.
- For fastening door and floor beads.
- Gluing plaster decorations and wall panels.

Colour

Transparent.

Package

290 ml cartridge, 12 pcs in a box.
400 ml foil package, 28 pcs in a box.
600 ml foil package, 20 pcs in a box.

Storage conditions and shelf life

Guaranteed storage time 18 months starting from the date of manufacture if stored in a closed original package in a dry place between +5 °C and +30 °C.

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Adhering

- Wood
- Concrete
- Ceramic
- Masonry
- Plaster
- Stone
- Tiles
- Steel
- Aluminium
- Rigid PVC
- Glass
- Polyester
- Treated saw-timber
- Plywood
- Chipboard
- Construction saw-timber
- Fibreboard
- PC

Technical data

Properties	Value	Unit
Basis	Solvent	
Consistency	Paste	
Density (DIN 53 479-B)	0,91	g/ml
Open time	10-15	minutes
Tack free time	10	minutes
Curing Rate	2...3	mm/24h
Curing Time	24-72	hours
Application temperature	+5...+38	°C
Service temperature	-30...+60	°C
Cured adhesive shear strength (WGM214)	37	kg/cm²
Cured adhesive tensile strength (WGM214)	15	kg/cm²

The parameters indicated have been measured at +23 °C and 50% relative air humidity.

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Application instructions

Application conditions

Application temperature between +5 °C and +38 °C.

Surface preparation

The surfaces must be dry, clean from dust, loose particles and oil. Non-porous surfaces should be cleaned with solvent and a clean, non-fluffy cotton cloth. Solvent excess should be removed before evaporating with a clean cloth.

Application method

Cut off the threaded end of the cartridge and screw on the application nozzle for directing adhesive. Cut the threaded end in a way where a suitable opening for application is produced. Place the cartridge together with the applicator in the gun and fill the installation nozzle with adhesive, by repeatedly pressing the gun trigger. Apply the adhesive to the surface to be connected and immediately press to the substrate.
Support until product is fully cured. Protect the adhesive against moisture and ensure a good ventilation during the curing period.

Two-way contact (Lighter substrate bonding)
Apply adhesive onto substrate to be bonded, press firmly, and pull apart. Allow to tack-off for 10 to 30 seconds and press firmly together again. Contact areas should be tapped with a rubber mallet to ensure intimate contact.

One-way method (Heavier substrate bonding)
Apply adhesive onto substrate to be bonded, press firmly, and securely fasten them together (clamp, nail, screw, etc.).
Retain fastening for a minimum of 24 hours.

Cleaning

Clean the uncured adhesive with solvent such as acetone or use PENOSIL Cleaning Wipes. Cured adhesive can only be removed mechanically.

Limitations

- Adhesion tests on any unknown material are recommended before use.
- There is no adhesion to PE, PP, PTFE (Teflon®).
- Do not use for underwater works or in areas that are in permanent contact with water.
- Please observe the expiration date!

Safety regulations

Ensure sufficient ventilation during application and wear necessary personal protective equipment. More specific safety information is available on the safety data sheet (SDS).

Note: The instructions in the present documentation are based on tests carried out by the manufacturer and are presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for the results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify products without prior notice.
This TDS replaces and supersedes all previous data sheets on the same product.

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Wolf Group Head Office
Suur-Paala 10
13619 Tallinn
Estonia

Tel +372 605 9300
Fax +382 605 9315
info@penosil.com