

TECHNICAL DATA SHEET

PENOSIL SpeedFix Universal 907

High-quality synthetic adhesive with high initial tack for bonding different construction panels. Has the capacity to stick and fill the most diverse materials easily and quickly.

- 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.
- For fastening door and floor beads.
- Gluing plaster decorations and wall panels.

Adhering

Adheres well to wood, concrete, ceramic, masonry, plaster, stone, tiles, steel, aluminium, rigid PVC, glass, polyester, treated saw-timber, plywood, chipboard, construction saw-timber, fibreboard, stone.

Application instructions

Application conditions

Application temperature between -10°C and +40°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.

Cleaning

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

Technical data

Properties	Value	Unit
Basis	Solvent	
Consistency	Paste	
Density (DIN 53 479-B)	1,22	g/ml
Open time	5	min
Curing rate	2...3	mm/24h
Application temperature	-10...+40	°C
Service temperature	-20...+80	°C
Shelf life	12	months
Shore A hardness (ISO 868)	74	
Properties of cured sealant		
E-Modulus 100% (ISO 37)	3,8	N/mm ²
Tensile strength (ISO 37)	4,1	N/mm ²
Elongation at break (ISO 37)	150	%
Cured adhesive shear strength (WGM214)	35	kg/cm ²
Cured adhesive tensile strength (WGM214)	13	kg/cm ²

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

Colour

Beige.

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

Frost resistance in the package 5 cycles.

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.
- Elements will have a rigid connection, which is why the adhesive is not suitable for moving connections.

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.