

TECHNICAL DATA SHEET

PENOSIL Prime&Fix 900

Synthetic rubber-based universal spray adhesive, which can also be used as a primer for improving adhesion when installing vapour and wind barrier tapes. The adhesive surface layer is transparent and guarantees an immediate and very strong initial adhesion.

Fields of application

Adhesive: The synthetic rubber-based universal spray adhesive can be used in various applications for bonding very different surfaces. As a contact adhesive, PENOSIL Prime&Fix 900 can be used for bonding both porous and non-porous surfaces. This adhesive is used in the furniture, automotive, and packaging industry as well as in general construction. Not suitable for bonding PVC or PVC-coated materials.

Primer: using the primer when installing vapour and wind barrier tapes helps achieve a quick and reliable bond. Priming the substrate guarantees a lasting and instant bond for vapour and wind barrier tapes with both porous as well as non-porous surfaces. Priming may be necessary primarily for concrete surfaces, various masonry, and wood substrates. The primer is not suitable for use on: polystyrene (incl. EPS, XPS), bitumen, or Teflon surfaces.

Adhering

Adheres well to wood, plastics, metal, fabrics, cardboard, and paper, concrete, gas concrete, silicate, plaster, masonry, metal, wood, particle board and glass.

Application instructions

Application conditions

Use at temperatures from -5 °C to +35 °C. The temperature of the aerosol can must be at least +15°C during use.

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

Adhesive bonding work: The surfaces to be joined must be clean and free of dust. Remove loose and weak parts mechanically. Before use, shake can at least 30 times. Spray the adhesive on the substrate in a thin layer from a distance of 5...10 cm. After covering the surfaces with adhesive, wait 15–60 seconds, then press the surfaces together. Depending on the substrate, total drying time can be up to 20 minutes. If the adhesive is not used within the next 24 hours, turn the aerosol can upside down and press the applicator a few times to clean out residue. 500 ml is enough to bond about 2 m² of material.

For contact bonding, spray the adhesive on both surfaces to be bonded.

Using as a primer: The substrate must be clean and free of dust. Remove loose and weak parts mechanically. Before use, shake can at least 30 times. Spray the primer on the substrate in a thin layer from a distance of 5...10 cm. After priming, wait 15–60 seconds, then bond the vapour or wind barrier tape to the surface. For an optimal adhesive bond, use a pressure roller. The primer can take up to 20 minutes to dry completely, depending on the substrate. If the primer is not used within the next 24 hours, turn the aerosol can upside down and press the applicator a few times to clean out residue. 500 ml is enough to prime about 100 m of vapour or wind barrier tape surfaces at a width of 5–10 cm.

Cleaning

Remove primer residue immediately using White Spirit solvent.

Technical data

Properties	Value	Unit
Basis	Synthetic rubber	
Consistency	Sprayable	
Application temperature	-5...+35	°C
Flammability	Highly flammable	
Specific gravity	0.73-0.77 aerosol	
Solvents	Chlorocarbons	
Dry matter content	15...20	%

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

Milky

Package

500 ml aerosol can, 12 per 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 +4 °C and +25 °C.

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.
- Do not store near an open fire or an active source of heat.

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.