

## TECHNICAL DATA SHEET

# PENOSIL Premium SpeedFix High Tack 707

Fast and strong hybrid adhesive

General-purpose, strong, hybrid-polymer-based high-quality adhesive with very good adherence and especially strong initial bonding.

## Main benefits

- High tack adhesive
- Extremely high initial grab
- Fast curing and nearly no shrinkage
- Forms a strong and elastic bond
- Excellent adhesion to a wide range of materials
- Very good UV-, weather and ageing resistance
- Silicone, isocyanate and solvent free
- Non-corrosive
- Impact and vibration absorbing
- For both interior and exterior applications
- Can be applied to moist surfaces
- Paintable (test previously)

## Fields of application

- Suitable for gluing and sealing indoors and outdoors.
- Construction adhesive with high adhesion power is used for gluing in places which require extra strong bond.
- Adheres well to most construction materials.
- Panel bonding for caravans, motor homes, commercial vehicles.
- The gluing and sealing mass has good vibration and noise-suppressing properties.



## Colour

White, grey, black.

## Package

9.8 oz, 12 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 41 °F and 86 °F.

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## Adhering

- Metal
- Stone
- Wood
- Concrete, bricks and masonry
- Aluminium
- Galvanized steel
- PVC
- EPDM

## Technical classifications and certificates

- EMICODE® EC 1 Plus - very low emission
- French A+ - low emission

## Technical data

Properties	Value	Unit
Basis	Hybrid	
Consistency	Paste	
Density (DIN 53 479-B)	1,55	g/ml
Open time	5	minutes
Curing Rate	2...3	mm/24h
Application temperature	+5...+40	°C
Service temperature	-40...+90	°C
Shore A hardness (ISO 868)	65	
E-Modulus 100% (ISO 37)	2,3	N/mm <sup>2</sup>
Tensile strength (ISO 37)	2,0	N/mm <sup>2</sup>
Elongation at break (ISO 37)	200	%
E-Modulus 100% (ISO 8339)	0,43	N/mm <sup>2</sup>
Tensile strength (ISO 8339)	1,6	N/mm <sup>2</sup>
Cured adhesive shear strength (WGM214)	37	kg/cm <sup>2</sup>
Cured adhesive tensile strength (WGM214)	17	kg/cm <sup>2</sup>
Initial tack shear strength (WGM214)	0,09	kg/cm <sup>2</sup>
Initial tack tensile strength (WGM214)	0,3	kg/cm <sup>2</sup>

The parameters indicated have been measured at 73 °F and 50% relative air humidity.

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## Application instructions

### Application conditions

Application temperature between 41 °F and 104 °F.

### 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.

## Limitations

- Do not use for sealing aquariums and underwater joints.
- Test before using on natural stone.
- There is no adhesion to PE, PP, PTFE (Teflon®).
- Due to the wide variety of possible substrates, we recommend a preliminary compatibility test.
- 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