

TECHNICAL DATA SHEET

PENOSIL SpeedFix All Exterior 777

General-purpose high tack adhesive sealant for exterior use.

- Strong initial bonding with most substrates.
- Suitable for moist surface
- Does not cause corrosion on metals
- UV-and weather resistant
- Paintable
- Does not shrink during the curing process
- Does not contain harmful components
- Adhesive sealant has good vibration and noise-suppressing properties

Fields of application

- Suitable for gluing and sealing outdoors
- The construction adhesive with a high adhesion power is used for gluing most construction materials
- Fixing plinths, profiles, insulation and decorative panels etc
- Insulation and sound insulation for equipment in the field of ventilation, sewage, and car industry, as well as for audio equipment

Adhering

Adheres well to metal, stone, wood, bricks, concrete, glass, copper, galvanized steel, aluminium.

Application instructions

Application conditions

Application temperature between +5 °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

Cartridge: 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.

Foil package: open the end of the foil pack and place the pack inside the gun so that the dosing nozzle keeps covering its open portion. Place the dosing nozzle on the open end and screw on the cap to close the tube. Cut the nozzle to create a suitable opening for dosing adhesive.

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 water or use PENOSIL Cleaning Wipes. Cured adhesive should be removed mechanically.

Technical data

Properties	Value	Unit
Basis	Hybrid	
Consistency	Paste	
Density (DIN 53 479-B)	1,55	g/ml
Open time	10	min
Curing rate	2...3	mm/24h
Application temperature	+5...+40	°C
Service temperature	-40...+80	°C
Shore A hardness (ISO 868)	60	
Properties of cured sealant		
E-Modulus 100% (ISO 37)	2,8	N/mm ²
Tensile strength (ISO 37)	3,2	N/mm ²
Elongation at break (ISO 37)	150	%
E-Modulus 100% (ISO 8339)	1,5	N/mm ²
Tensile strength (ISO 8339)	1,5	N/mm ²
Elongation at break (ISO 8339)	166	%
Cured adhesive shear strength (WGM214)	28	kg/cm ²
Cured adhesive tensile strength (WGM214)	12	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.

Technical classification and certificates

Sealant for facade for interior application only
EN 15651-1:2012: Type F-INT

EMICODE® EC 1 Plus - very low emission

Colour

Grey.

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.

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.

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).

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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.