

TECHNICAL DATA SHEET

PENOSIL SpeedFix Mirror 736

Single component elastic adhesive sealant with high tack properties based on hybrid polymer that cures due to air humidity. Sealant is silicone, isocyanate, solvent and odour free.

- Fast and strong bonding.
- High initial grab.
- Does not affect reflective layer.
- Movement capability +/- 25%.
- Adhesion with many materials.
- Does not need primers.

Fields of application

- Installing mirrors and stained glass on most surfaces.

Adhering

Adheres well to concrete, ceramic, wood, bricks and masonry, aluminium, galvanized steel, PVC.

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

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. Double sided tape must be used to fix the mirror providing extra support.

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	Hybrid	
Consistency	Paste	
Density (DIN 53 479-B)	1,38	g/ml
Open time	4...8	min
Curing rate	2,5	mm/24h
Application temperature	+5...+40	°C
Service temperature	-40...+80	°C
Movement capability (ISO 11600)	25	%
Shelf life	12	months
Shore A hardness (ISO 868)	40	
Properties of cured sealant		
E-Modulus 100% (ISO 8339)	0,98	N/mm ²
E-Modulus 100% (ISO 37)	2,3	N/mm ²
Tensile strength (ISO 37)	2,4	N/mm ²
Elongation at break (ISO 37)	560	%

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

White.

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).

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.