

TECHNICAL DATASHEET

PENOSIL Premium StoneFix 827

Single-component PU-adhesive for fastening construction blocks and stones during construction works. Compared to mortar, PENOSIL Premium StoneFix 827 facilitates carrying out the masonry works faster, thereby leaving the work environment dust free and using a foam gun as the only tool. PENOSIL Premium StoneFix 827 forms a strong adhesive joint within just 30 minutes.

Field of application

Used for fastening construction blocks of non-bearing interior walls. Consult a sales agent, a dealer or an architect regarding to compatibility with various stone-based materials and other technical issues.

Application conditions

Air temperature during use -5 °C to +35 °C. Best results starting from +5 °C. Test the sufficiency of adhesion at the place of application if using below +5 °C.

Can temperature during use +5 °C to +25 °C, best results at +20 °C.

The surfaces must be clean from dust, loose particles and oil.

Application instruction

Hold the foam can in an upright position, remove the cap from the adapter and screw the can to the gun by holding the gun handle with one hand and turning the can with the other hand. Make sure that the gun is not pointed towards other persons when turning it. The can must not be screwed to the gun with the valve upside down or by turning the gun on the can. After fastening the gun, shake the can at least 20 times. Then start working, by holding the gun in working position – the can upside down.

Substrate should be moistened as the foam cures due to the moisture. A moistened surface ensures better results. At temperatures below +5 °C it is advisable to treat the surface with PENOSIL Premium Foam Activator. Adjust the foam amount with the trigger. In cold weather, the can should be warmed up in a warm room or water. The temperature of water or air must not exceed +30 °C.

PENOSIL Premium StoneFix 827 will form a thin glue layer after issuing it from the foam gun. Press the stone surfaces together immediately after the adhesive has spread. Stone adhesive should be applied to both vertical and horizontal surfaces.

Cleaning

Uncured foam adhesive can be removed from surfaces and tools with PENOSIL Premium Foam Cleaner. Cured foam adhesive can be removed mechanically, if softened with PENOSIL Premium Foam Remover beforehand. Hands, clothes and the foam gun can be cleaned from uncured foam adhesive with PENOSIL Premium Cleaning Wipes.

Technical specification

Property	Unit	Value
Tack free time	minutes	8–15
Completely cured	hours	24
Completely cured (+5 °C, 50% RH)	hours	72
Fire class of cured foam adhesive (DIN 4102-1)		B3
Flash point of cured foam adhesive	°C	400
Temperature resistance of cured foam adhesive	°C	long term: -40 to +90 short term: -40 to +130

The parameters indicated have been measured at +23 °C and 50% relative air humidity, unless specified otherwise.

Colour

Light yellow.

Package

1000 ml aerosol can, content 750 ml, 12 cans in a box.

Storage

The cans must be stored and transported in an upright position. Store in a cool and dry place. Storage at +5 °C to +30 °C. The foam cans must not be stored above +50 °C, near heat sources or in direct sunlight. Guaranteed storage time in unopened package is 12 months.

Waste treatment

Completely empty the package and dispose according to requirements.

Safety

The product is flammable. Protect from overheating and keep away from ignition sources. Avoid direct sunlight and do not smoke during use. May cause sensitisation by inhalation and skin contact. Ensure sufficient ventilation during application. Wear safety glasses and gloves. Keep out of the reach of children. Cured foam adhesive can be handled without any danger to health. More information is available on the product 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 as well as the various application possibilities that are beyond our control, we are not liable for the results achieved. It is recommended to test the product suitability at the place of application.