

TECHNICAL DATASHEET

PENOSIL Premium Floor&Wall UniversalFix 619

Quick manifold water-based acrylic adhesive with strong immediate adhesion. Does not contain organic solvents and has a short processing time.

Field of application

Suitable for various floor and wall coverings, such as vinyl, cork, linoleum, PVC and felt, various carpet types, absorbing and non-absorbing substrates. Suitable for heated floors. Suitable substrates are cement, self-levelling compounds, plasterboard, concrete and fibreboard. The adhesive has a good adherence even on a smooth and absorbing substrate.

Application conditions

Usage temperature between +18 °C and +25 °C. Relative humidity in the room should not exceed 65%. Prior to gluing, the adhesive and the material to be glued should achieve the same temperature as the floor (+18 °C to +25 °C). Relative humidity of the substrate should be 85–90% RH at the maximum, depending on the material. Protect from moisture, if needed. Concrete floors and floors made from a levelling compound are recommended to be primed with PENOSIL Premium BetPrimer, diluted in water at a ratio of 1:5. When installing floor or wall coverings, instructions by the manufacturer should always be followed. With regard to floor heating, the precautions according to the manufacturer of the flooring should always be followed.

Application instruction

Preparation: The substrate should be ready for installation, i.e. strong, clean, dry, and free of oil, dust and fat. Usage conditions should be checked in accordance with effective construction requirements and DIN 18356. Grind cement, concrete and self-levelling substrates and uneven, older and unstable substrates, until a strong, adherent surface is achieved. After grinding, remove dust from the floor.

Application: Prior to application, the adhesive should be well stirred. Apply the adhesive to the substrate, by using a trowel. Do not use more adhesive than is needed for gluing the flooring. Install the flooring immediately or after a short waiting period. Spread the adhesive well in order to remove excess air and ensure a good contact between the adhesive and the flooring. Best results are achieved by using a flooring roller. Make sure that the whole flooring surface has a good contact with the adhesive.

Wet gluing: Apply the adhesive by using a trowel. Place the material to be glued on a wet adhesive. The latest time for wet gluing is up to 20 minutes after applying adhesive to the substrate. The glued material should be well rubbed by using a suitable tool.

Double-sided gluing: Apply the glue with a trowel. Place the material to be glued on a wet adhesive, separate the surfaces and let the adhesive dry for 5–10 minutes before connecting the glued surfaces again. When using double-sided contact gluing, it is very important that the cover is pressed strongly against the surface. In wet rooms, all joints of the flooring should be sealed.

Floorings

Flooring	Consumption	Application method	
		Absorbing surfaces	Non-absorbing surfaces
Vinyl, even	4–5 m ² /l	Wet gluing	Double-sided gluing
Foam backed vinyl flooring	4–5 m ² /l	Wet gluing	Wet gluing
Mesh backed vinyl flooring	4–5 m ² /l	Wet gluing	Wet gluing
Vinyl plates	4–5 m ² /l	Wet gluing	Double-sided gluing

Cork with PVC	4 m ² /l	Wet gluing	Wet gluing
Felt flooring	2–3 m ² /l	Wet gluing	Wet gluing
Carpets	4–5 m ² /l	Wet gluing	Wet gluing
Coconut carpets	2–3 m ² /l	Wet gluing	Wet gluing

Cleaning

Keep cleanliness when working with the adhesive. Use PENOSIL Premium Cleaning Wipes or water and moist cloth for cleaning uncured adhesive. Remove cured adhesive with alcohol. Clean tools with water when the adhesive is still wet.

Technical specification

Properties	Unit	Value
Working time	Min.	5–20
Curing time (+23 °C / 50% r.h.)	Min.	60
Final adhesion	mm/24 h	24
Solids	%	70
Density	kg/l	1,45
Temperature resistance after curing	°C	-30...+70

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

Colour

Light yellow, beige after curing.

Package

0,8 l plastic bucket / 1 kg per bucket.

2,6 l plastic bucket / 3 kg per bucket.

12,8 l plastic bucket / 15 kg per bucket.

Storage

Guaranteed storage time 18 months from the date of manufacture, if stored in a moisture proof original package in a dry and cool place. Protect the product from cold.

Waste treatment

Completely empty the package and dispose according to requirements.

Safety Requirements

Ensure sufficient ventilation during application. Keep out of reach of children. Avoid contact with skin and eyes. In case of contact with skin or eyes, rinse immediately with plenty of water and seek medical advice. Close the package immediately after use. Work processes should be designed in a way that direct contact with the product is excluded.

More information 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 and substrates 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 product suitability at the place of application.