

TECHNICAL DATASHEET

Penosil Premium Membrane Fix 629

Single-component acrylic polymer based solvent-free membrane adhesive is designed for bonding various membranes. The advantage of a membrane adhesive is its bonding with porous surfaces like bricks, blocks, wool slabs and wood, where membrane tape fails.

Field of application

Membrane adhesive is designed for bonding vapour barrier membranes, PE, PP, PA film, foil and similar materials to masonry, plaster, gypsum lath walls or wool slabs. This is needed mostly in the connection joints of ceilings and vapour barrier membranes, but it is also used in places where vapour barrier membranes are installed next to another material. This adhesive can be used to install and join existing dust protection covers, but it must be taken into account, that the solidified adhesive is hard to remove.

Application conditions

The application temperature is +5 °C to +40 °C. The surface must be dry, free from dust, grease and loose particles. The membrane adhesive is not suitable for bonding elements which are loaded. Not is it suitable for use in areas which are in contact with water. It is for internal use only.

Application instructions

When bonding porous surfaces and a vapour barrier membrane, the adhesive should be applied to the surface which is more porous and the vapour barrier membrane pressed tightly to the adhesive. To achieve more rapid immediate bonding, the surface with the spread of adhesive should be allowed to dry until it becomes darker and a tacky film layer forms on the surface. The surfaces may then be connected.

Vapour barrier membranes can also be joined to one another. To do this, contact bonding should be used i.e. the surfaces being bonded should be pressed together and then taken apart. The surfaces can be connected again once the adhesive has become darker and a dry film has formed on the surface. Leave sufficient clearance for the vapour barrier membrane in order to prevent potential stress caused by deformations, which can cause the tearing of the membrane or the adhesive joint.

In the case of a wool slab, a bonding surface can be formed by means of applying a thin, even layer of film on the slab. Once the adhesive becomes darker, tape, vapour barrier membranes and similar materials will stick to it effectively. Final curing of the adhesive takes longer, and such a bonding solution assumes that no (additional) load is imposed on the adhesive joint.

Cleaning

Use PENOSIL Premium Cleaning Wipes to remove uncured membrane adhesive. Cured membrane adhesive should be removed mechanically.

Technical data

Property	Unit	Value
Tack-free time	minutes	120
Density	g/cm ³	1.05
Temperature resistance	°C	-40 to +80

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

Colour

Blue

Package

290 ml plastic cartridge, 12 cartridges per box

Storage

Guaranteed shelf life: 24 months from the date of manufacture if stored closed in the humidity-resistant original packaging in a dry place between +5 °C and +30 °C.

Safety requirements

Avoid contact with the skin and eyes. Keep out of reach of children. 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 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.