



Product code : 30104

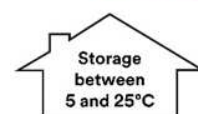
EMFICOL P101

DESCRIPTION

EMFICOL P101 is a sprayable liquid contact adhesive based on polychloroprene and synthetic resins in solution in organic solvents.

AREAS OF APPLICATIONS

EMFICOL P101 is mainly intended for the manufacturing of sandwich panels and permits the assembly of supports such as sheets (steel, aluminum or stainless steel) on various insulating materials like expanded or extruded polystyrene, polyurethane foam, rock wool, etc. or on plasterboard, plywood panels, wood chipboard, etc.



TECHNICAL DATA

Color	Light beige (30104A) and pink (30104E)
Viscosity at 20°C	Brookfield RVT 1 / 20 rpm: 85 ± 15 mPa.s
Density at 20°C	0,780 to 0,805
Open time at 20°C	2 h
Final setting time at 20°C	48 to 72 h
Temperature resistance	Max. 120°C on panels
Cleaner	EMFINET 695 before setting (highly flammable)

INSTRUCTIONS FOR USE

Substrates preparation:

The substrates to be bonded must be even, dry, dust free and not have any traces of grease or other contaminants that could harm bonding.

If the substrates need to be cleaned, use EMFINET 695. For materials sensitive to ketones, use ethanol.

Check their compatibility with the substrates.

If necessary, rub down metal surfaces beforehand. Clean them after rubbing down. Allow to dry after degreasing.

Note: when using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer.

Application:

EMFICOL P101 is to apply on both substrates to be bonded by spraying with a manual or automatic gun (nozzle diameter: 1.5 mm - air pressure: 3 to 4 bar; pressure on the product: 1 to 1.5 bar).

Apply a thin and uniform layer (110 to 140 g/m²) on each surface to be assembled, avoiding excessive thickness. Let the solvents evaporate (about 10 min at 20°C / 4 min at 40°C) in a ventilated oven. This duration also depends on the deposit per m², the fineness of spraying and the materials to be bonded.

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For bonding of expanded or extruded polystyrene, preheat the adhesive to 40°C and spray finely at a minimum distance of 40 cm to avoid destruction of the insulating material by solvents.

Assemble precisely both parts because the setting is immediate and irreversible. Take care not to exceed the open time limit, otherwise defective bonding could result. Exert the maximum possible pressure without deforming the materials in an irreversible way.

The setting is maximum only after 48 to 72 hours.

The high tack and good heat resistance of EMFICOL P101 allows bonding under tension.

Cleaning:

Tools can be cleaned with EMFINET 695 before the adhesive has completely cured. After curing, abrasion is necessary.

LIMITATIONS

Temperature of adhesive and substrates must be between 10 and 40°C.

CONSUMPTION

220 to 280 g/m² in double-gluing technique (110 to 140 g/m² on each surface). For very porous materials, a larger amount may be required.

STORAGE AND SHELF LIFE

12 months in closed original packaging stored at a temperature between 5 and 25°C.

In cold weather, store the packaging at about 20°C before use.

Frost sensitive: do not expose to frost because the formation of lumps can render the product unusable.

PACKAGING

25 l cans, 200 l drums and 1 000 l containers.

Contact us for other packaging options.

SAFETY

Read material safety data sheet before use.

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired.

Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.