



Product code : 30104

## EMFICOL P101

### DESCRIPTION

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

### AREAS OF APPLICATION

EMFICOL P101 is used for bonding laminated panels, PU, polystyrene, Styrofoam, wood, veneer, chip board, plaster boards, plywood, mineral wool, metals, on themselves or in combination.

### TECHNICAL DATA

Colour	Light beige, pink
Viscosity	Brookfield RVT spindle 1 / 20 rpm : 85 ± 15 mPa.s
Density at 20 °C	0.780 - 0.805
Conventional solids content (EN 827)	17.5 ± 1 %
Open time at 20 °C	Maximum 2 h
Temperature resistance of the assemblies	120 °C maximum on panels
Final setting at 20 °C	2 to 3 days
Cleaner	EMFINET 695

### ADVICE

See also material safety data sheet



### INSTRUCTIONS FOR USE

#### Substrates preparation :

The substrates to be assembled must be dry, dust free and not have any traces of grease or other contaminants that could adversely affect the adhesive performance.

If the substrates need to be cleaned, EMFINET 695, methylethylketone (MEK) or acetone may be used.

Check the compatibility of the solvent used with the substrates.

If necessary, rub down metal surfaces beforehand, then clean them again.

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

Adhesive and substrates have to be between 10 and 40 °C.

#### Application :

In damp and cold weather, ensure that materials and adhesive are at a correct temperature in order to prevent formation of dew as the solvents evaporate, which could result in defective bonding.

Apply evenly with a manual or an automatic spray gun (nozzle diameter : 1,5 mm; air pressure : 3 to 4 bar ; product pressure : 1 to 1.5 bar ) to both surfaces.

Let the solvents evaporate (ca 10 min at 20 °C or ca 4 min at 40 °C in a ventilated oven ; this time depends on temperature, coating weight, spraying fineness and substrates).

For bonding PS foam, it is necessary that it is not destroyed by the solvents ; in this aim, the adhesive must be treated at about 40°C and sprayed finely at a distance between 40 and 50 cm or more.

Take care not to exceed open time ; otherwise, bonding will be defective.

Assemble precisely both parts (once the two substrates are assembled, they can't be repositioned or separated) and apply a uniform and maximum pressure on the entire surface without irreversible deformation of substrates.

The high tack and good heat resistance of EMFICOL P101 allows assemblies under strain.

Cleaning :

Tools can be cleaned with EMFINET 695 or MEK.

## CONSUMPTION

110 to 140 g/m<sup>2</sup> to both surfaces

## STORAGE AND SHELF LIFE

12 months between 5 and 25 °C in closed original packaging.

Keep from freezing ; otherwise the formation of lumps could render the product unusable.

## PACKAGING

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

## SAFETY

Highly flammable and irritant. 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.