



Product code : 50039A

**EMFICOL PU SOL****DESCRIPTION**

Polyurethane two parts adhesive

**AREAS OF APPLICATION**

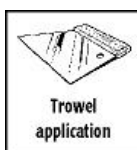
EMFICOL PU SOL mixed with the hardener 521 can be used for bonding of wood flooring, synthetic turf, PVC or rubber floorcoverings in strips or tiles.

**TECHNICAL DATA**

	PART A	PART B
	50039A	D0521A
Type of product	Based upon modified polyethers	Isocyanate
Colour	Beige	Dark brown
Viscosity at 20 °C	Brookfield HBT / spindle 5 / 20 rpm : 125,000 ± 25,000 mPa.s	Brookfield LVT / spindle 3 / 30 rpm : 300 ± 100 mPa.s
Density at 20 °C	1.65 ± 0.05	1.23 ± 0.02
Conventional solids content (EN 827)	100 %	100 %

**ADVICE**

See material safety data sheets of both components.



MIXTURE A + B	
Mixture (in weight)	A/B = 100/10
Pot life	Ca 45 min
Open time at 20 °C	1 h*
Pressing time at 20 °C	Up to 6 h*
Final setting time at 20 °C	4 d
Temperature resistance of the assemblies	-40 °C to + 80 °C
Specific data	Colour : light brown Density at 20 °C : 1.60 ± 0.05 Cleaner : EMFINET 683 before setting (highly flammable)

\* Setting time depends on temperature. So it is necessary :

in case of working under 20° C : to be sure that the pressing time is long enough

in case of working over 20 °C : to be sure that open time is not excessive. Otherwise defective bonding could happen.

## INSTRUCTIONS FOR USE

### Substrates preparation :

Subfloor must be flat, smooth, dry and dust-free. Never apply adhesive to crumbling floors. If necessary, subfloor should be protected from humidity by a waterproofing coating before applying the adhesive.

If PVC or rubber need to be cleaned, methyl ethyl ketone (MEK) or EMFINET 683 may be used.

The use of solvents must comply with local regulations. Check the compatibility of the solvent used with the substrates. When using solvents, extinguish all sources of ignition and carefully follow the safety and handling instructions given by the manufacturer.

Parquet can be polished only after full setting, not before 24 hours.

### Application :

Pour part B (hardener) into part A and mix homogeneously. This mixture can be applied by scraper on the subfloor. It is advised to work at a temperature over 15 °C and a maximum relative humidity of 70 %.

Setting speed is slower at low temperature and quicker at high temperature.

The reaction between the components A and B is exothermic. As a result, the mixture can reach a temperature over 30°C.

Apply a uniform pressure across the entire surface in order that the coverings are in full contact with the subfloor.

### Cleaning :

Tools may be cleaned with MEK, acetone or EMFINET 683 before the adhesive has completely cured. After curing, abrasion is necessary.

## CONSUMPTION

800 to 1,200 g/m<sup>2</sup> depending on materials

## STORAGE AND SHELF LIFE

Parts A and B : 12 months in closed original packagings stored in dry premises between 5 and 25 °C

## PACKAGING

7 and 20 kg kits

## SAFETY

EMFICOL PU SOL (part A) : not classified hazardous

Hardener 521 (part B) : harmful

Read material safety data sheets 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.