



Product code : 584100

## COLGEL

### DESCRIPTION

COLGEL is a pasty thixotropic contact adhesive based on polychloroprene rubber and synthetic resins in organic solvents.

### AREAS OF APPLICATION

COLGEL is used for bonding laminated panels, some rubbers, leather, wood, veneering, chipboards, plywood, cork, mineral wool, metals on themselves or each other.

### TECHNICAL DATA

Appearance	Gel-like ; non-sagging
Colour	Brown
Density at 20 °C	0.86 ± 0.02
Conventional solids content (EN 827)	23 ± 1 %
Application temperature	10 to 30 °C
Open time at 20 °C	30 min
Temperature resistance of the assemblies	120 °C maximum on panels
Final setting at 20 °C	3 d
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.

Clean the substrates with methylethylketone (MEK), EMFINET 695 (or EMFINET 688/1 for materials sensitive to ketones). Solvents must comply with local regulations. Check the compatibility of the solvent used with the substrates. If necessary, rub down metal surfaces beforehand and clean them.

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

Temperature of adhesive and substrates have to be between 10 and 30 °C.

#### Application :

Do not mix before use, as this will affect the thixotropy of the product.

Apply a regular layer of COLGEL with a brush or a notched spreader on each substrate.

Let solvents evaporate (10 to 20 minutes depending on temperature, hygrometry and substrates).

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

Apply precisely both parts and press firmly and evenly on the whole surface.

Once the two substrates are assembled, they can't be repositioned or separated.

With rigid materials, assembling has to be followed by an even and maximum pressure applied across the entire surface without irreversible deformation of substrates.

Cleaning :

Tools may be cleaned with EMFINET 695 or MEK.

#### CONSUMPTION

100 to 150 g/m<sup>2</sup> on each surface depending on substrates.

#### STORAGE AND SHELF LIFE

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

In case of inside condensation, empty solvent droplets laying on the surface of the adhesive ; this operation doesn't harm adhesive's quality.

#### PACKAGING

5 and 10 L metal cans ; cartons containing 24 boxes of 750 mL

#### SAFETY

Highly flammable and irritant. Read material safety data sheet before use.

#### PRECAUTIONS FOR USE

COLGEL can't be used for bonding expanded polystyrene, polyethylene, polypropylene, fluorinated polymers and is not recommended for bonding plasticised PVC.

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