



Product code : G0050B

## EMFIMOUSSE PU

### DESCRIPTION

EMFIMOUSSE PU is an aerosol, moisture curing one-part polyurethane foam. EMFIMOUSSE PU has a good adhesion on most popular building materials : concrete, brick, plaster, PVC, metal, wooden materials, polyurethane foam.

### AREAS OF APPLICATION

EMFIMOUSSE PU is used for mounting and sealing windows and doorframes, and for filling and sealing all joints. Also used for sound-proofing (dividing walls, car and boat cabins...), insulation work (water-pipes...), bonding roof tiles.

### TECHNICAL DATA

|                         |   |
|-------------------------|---|
| Colour                  | Light yellow  |
| Application temperature | Room : minimum 5 °C / aerosol : 20 to 25 °C   |
| Temperature resistance  | -40 to +90 °C   |
| Specific data           | Foam density : 22.5 ± 2.5 g/L<br>Yield net content : 25 to 30 L for 500 mL can / 40 to 45 L for 750 mL can<br>Skin formation time at 18 °C and 60 % HR : 5 to 10 min<br>Cutting time at 18 °C and 60 % RH possible after 30 min<br>Full cure time : 1 h 30 min to 5 h according to temperature and humidity<br>Tensile strength (DIN 53455) : 70 to 80 kPa<br>Compression strength (DIN 53421) : 40 to 50 kPa<br>Elongation at break : 20 to 25 %<br>Form stability (shrinkage) : maximum 1 %<br>Water absorption (after 24 h) : maximum 1 %<br>Thermal conductivity (DIN 52612) : 39 mW/m/K at 20 °C<br>Fire class (DIN 4102) : B3 |

### ADVICE

See also material safety data sheet

## INSTRUCTIONS FOR USE

### Substrates preparation :

The substrates must be clean, without any traces of grease or other contaminants that could adversely affect the bonding performance.

### Application :

Wet porous substrates before foam application.

Shake the can strongly about 20 times with the valve down before use.

Remove the cap. Screw the adapter onto the nozzle.

Press lightly on the nozzle always with the valve down ; output rate depends on the level of pressure.

Joints and cavities should not be filled over 70 % ; foam expands 2 to 3 times its original volume.

When filling very deep holes and joints or when cracks are wider than 5 cm, foam should be applied gradually by layers, waiting hardening between every layer.

When mounting door and window frames, mechanical connectors and struts should be used.

After full cure, cut if necessary the excess with a knife and protect against UV radiation by covering with sealant mass, plaster or paint.

### Cleaning :

After application and if the bottle is not empty or when a break in application lasts more than 15 min, clean the nozzle and the flexible pipe with EMFINET MOUSSE PU or with acetone.

This solvent also allows to clean the smudges during working (substrates, clothes).

EMFINET MOUSSE PU must be used immediately because it has no effect after curing.

Cured foam can be removed only mechanically.

## STORAGE AND SHELF LIFE

9 months in closed original packaging stored in dry premises between 10 and 25 °C upright and with the valve up

## PACKAGING

500 and 750 ml aerosol bottles

## SAFETY

Extremely flammable and harmful. Read material safety data sheet before use.

## PRECAUTIONS FOR USE

EMFIMOUSSE PU 50 is conditioned in pressurized container : protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep out of the reach of children.

EMFIMOUSSE PU 50 doesn't adhere to polyethylene, polypropylene, silicone and polytetrafluoroethylene (PTFE).

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.