



Product code : G0096A

## EMFIMOUSSE COUPE-FEU

### DESCRIPTION

EMFIMOUSSE COUPE-FEU is a self-expanding one-component polyurethane foam that can be applied without a gun. It hardens due to atmospheric humidity and provides very good thermal and acoustic insulation.

EMFIMOUSSE COUPE-FEU has been specially formulated for the realization of static joints in buildings that must be fire-resistant (fire-resistant up to 4 hours, depending on the width of the foam joint) and smoke- and gas tight. It has a fire classification report (for a static joint between concrete walls).

EMFIMOUSSE COUPE-FEU adheres very well to most common building materials such as wood, concrete, brick, plaster, PVC, metals and polyurethane foam.

EMFIMOUSSE COUPE-FEU is not recommended on polyethylene, glass, silicone or PTFE.



### AREAS OF APPLICATIONS

EMFIMOUSSE COUPE-FEU allows the rapid sealing of any cavity between insulation materials, the fixing and mounting of door and window frames (in wood, metal or PVC), the fixing of electrical installations, air conditioning systems, etc.

EMFIMOUSSE COUPE-FEU is used to thermally insulate plumbing and heating systems, to caulk automobile bodies, caravans, windsurfers, boat hulls, etc.

EMFIMOUSSE COUPE-FEU can also be used for bonding tiles and in particular roman tiles, in the same way as sealants.

It can be cut, sanded or painted after hardening.

### TECHNICAL DATA

Color	Pink
Average density	22 to 26 kg / m <sup>3</sup>
Foam volume	30 to 35 L per 700 ml can
Application temperatures	Substrate: 5°C minimum / Can: 20 to 25°C
Tack free time	5 - 10 min (at 23°C and 50 % RH)
Cutting time	After 20 to 25 min (at 23°C and 50 % RH)
Hardening time	1h30 to 5h, depending on temperature and humidity
Dimensional stability	Max. ± 5%
Water absorption (DIN 53428)	Max. 1 vol. %
Compression strength	0.04 - 0.05 MPa
Tensile strength	0.12 - 0.14 MPa
Elongation at break	15 - 20%

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Thermal conductivity (DIN 52612)	0.039 W/(m K) at 20°C
Temperature resistance	-40 to +90°C
Flammability class (EN 13501-2)	EI 90 V-X-F-W 10 to 40 EI 180 V-X-F-W 10 to 30 EI 240 V-X-F-W 10 to 20

## INSTRUCTIONS FOR USE

### Substrates preparation:

The substrates to be bonded must be clean, dust free and not have any traces of grease or other contaminants that could harm bonding. Moisten dry and porous surfaces before applying the foam.

### Application:

Before use, shake the can vigorously twenty times, the valve upside down. Remove the cap and secure the hose. Turn the aerosol upside down (valve upside down) and apply light pressure on the valve to activate the foam. The flow will be based on the pressure.

Do not completely fill the cavities, the foam expanding 2 to 3 times during setting. Fill the cavities larger than 5 cm wide in several successive layers, waiting for hardening between each layer. The curing process can be accelerated by spraying water on the foam.

For door frames and window frames, fix bases and spacers.

After complete hardening, cut off the excess with a knife if necessary, then protect the foam from UV rays by covering it with plaster, sealant or paint.

If the can is not empty after application or after a break of more than 15 min, clean the valve and the hose with NETTOYANT MOUSSE or with acetone.

### Cleaning:

Clean smudges during working (substrates, clothes) with NETTOYANT MOUSSE or acetone before the foam is hardened. After hardening, it can only be removed mechanically.

## STORAGE AND SHELF LIFE

12 months in closed original packaging stored at a temperature between 5 and 25°C, upright, with the valve up. In cold weather, store the packaging at about 20°C before use.

## PACKAGING

700 ml cans.

Contact us for other packaging options.

## SAFETY

Read material safety data sheet before use.

## PRECAUTIONS FOR USE

EMFIMOUSSE COUPE-FEU is packed in pressurized can, which requires taking the following precautions:

- Protect from sunlight and do not expose to temperatures exceeding 50°C.
- Do not pierce or burn even after use.
- Do not spray near a flame or an incandescent body.
- Keep out of reach of children.

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