EMFIMOUSSE

DESCRIPTION

EMFIMOUSSE 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 adheres very well to most common building materials such as wood, concrete, brick, plaster, PVC, metals and polyurethane foam.
EMFIMOUSSE is not recommended on polyethylene, glass, silicone or PTFE.

AREAS OF APPLICATIONS

EMFIMOUSSE 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 is used to thermally insulate plumbing and heating systems, to caulk automobile bodies, caravans, windsurfers, boat hulls, etc.
EMFIMOUSSE 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	Yellow - green
Average density	20 to 25 kg / m^3
Foam volume	22 to 25 L per 500 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 25 to 30 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	20 – 25%
Thermal conductivity (DIN 52612)	0.039 W/(m K) at 20°C
Temperature resistance	-40 to +90°C
Specific data	Flammability class (EN 13501-1): F

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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

500 ml cans.
Contact us for other packaging options.

SAFETY

Read material safety data sheet before use.

PRECAUTIONS FOR USE

EMFIMOUSSE 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.

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.

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