



Product code : 54001D

EMFIMELT 54001D MONO

DESCRIPTION

Single component moisture curing hotmelt polyurethane adhesive

AREAS OF APPLICATION

EMFIMELT 54001D MONO can be used for the manufacturing of sandwich panels (caravan, building industry).

EMFIMELT 54001D MONO may be used for bonding different insulating materials : PU foam, expanded polystyrene upon wood, aluminium, steel.

TECHNICAL DATA

Colour	White to light yellow
Viscosity at 20 °C	Solid
Conventional solids content (EN 827)	100 %
Application temperature	120 °C
Open time at 20 °C	5 min (according to EMFI method IT-104-Q/1)
Cleaner	EMFINET 683 before curing upon cold film and material at a temperature under 40 °C (caution : this solution is highly flammable). EMFINET L0051A for cleaning guns. EMFINET L0049A for cleaning rollers
Specific data	Viscosity at 20 °C : ca 20,000 mPa.s Cold resistance : -40 °C Heat resistance : ca 120 °C

ADVICE

See also material safety data sheet

INSTRUCTIONS FOR USE

Substrates preparation :

The substrates to be assembled must be flat, dry, dust-free and not have any traces of grease or other contaminants that could adversely affect the bonding performance.

They may be cleaned with EMFINET 683 or methylethylketone (MEK).

For substrates sensitive to ketones, use EMFINET 688/1.

Check the compatibility of the solvent used with the substrates.

If necessary, rub down metal surfaces beforehand.

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

The temperature of the materials must be over 10 °C.

Application :

EMFIMELT 54001D MONO has been developed to be applied with a roller but it may also be applied with a manual applicator.

After opening of packaging, it is necessary to protect the product from humidity.

Assembling has to be followed immediately by a regular pressure on the whole surface during cooling with a vacuum, hydraulic or roller press.

Apply the maximum possible pressure without causing irreversible deformation of the materials.

CONSUMPTION

80 to 120 g/m² according to the materials to be bonded.

STORAGE AND SHELF LIFE

6 months in original, hermetically sealed packaging between 5 and 25 °C

PACKAGING

295 ml aluminium cartridges ; 2 kg aluminium wrapped blocks ; 20 kg buckets ; 200 kg drums.

SAFETY

Harmful. Read the material safety data sheet 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.

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