



Product code : 74112B

EMFIMASTIC PU 50 HV

DESCRIPTION

EMFIMASTIC PU 50 HV is a single component polyurethane based elastomeric sealant which cures quickly under the effect of atmospheric humidity to form a flexible and resistant joint.

AREAS OF APPLICATION

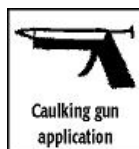
EMFIMASTIC PU 50 HV can be used for bonding and caulking different materials used in the general industry : wood, aluminium, most lacquered metals, polyester, glass, concrete, etc.

TECHNICAL DATA

Appearance	Pasty
Colour	White
Density at 20 °C	1.18 ± 0.05
Sagging (ISO 7390)	None
Application temperature	5 to 40 °C
Skin formation time at 23 °C and 50 % HR	Ca 60 min
Cure time at 23 °C and 50 % HR	4 mm/24 h
Final Shore A hardness (ISO 868 - 3 seconds)	Ca 45
Temperature resistance	-40 to +90 °C
Resistance to dilute acids and bases	Average
UV resistance	Good
Water and salt spray resistance	Excellent
Compatibility with paints	Water based : yes Solvent based : carry out tests beforehand
Specific data	Elongation at break (ISO 37) : > 600 % Modulus at 100 % (ISO 37) : 0.6 MPa

ADVICE

See also material safety data sheet



INSTRUCTIONS FOR USE

Substrate preparation :

The substrates must be clean, even, dry, free of dust, oil, grease and any contaminants that could harm bonding. All traces of poorly adherent paints or coatings should be systematically removed beforehand.

They may be cleaned with EMFINET 683, methylethylketone (MEK), acetone or degreaser SAPOCOL GR 1001. Check the compatibility of the solvent used with the substrates.

If necessary, rub down metal surfaces beforehand. Clean them after rubbing down. Allow the substrates to dry after degreasing.

If necessary, apply a primer.

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

We recommend to clean concrete with a metal brush.

Caulking :

EMFIMASTIC PU 50 HV can be applied by a manual or pneumatic gun.

After application, each joint should be smoothed out using a wet and soapy plastering knife.

This product should be used within 24 hours of opening the sausage ; otherwise, the sealant could harden inside.

If applied in cold weather, store the sausages at about 20 °C before use.

Do not apply on silicones or in the presence of cured silicones. Avoid contact with alcohols and solvents during curing.

Cleaning :

Tools can be cleaned with EMFINET 683, MEK or acetone before the sealant has completely cured. After curing, abrasion is necessary.

STORAGE AND SHELF LIFE

12 months in the original, hermetically sealed cartridges or sausages between 5 and 25 °C

PACKAGING

600 ml sausages

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.

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.