



Product code : 50113A

ISOLEMFI 50113A MONO

Water resistant according to
standard EN 204-D4

DESCRIPTION

ISOLEMFI 50113A MONO is a single component moisture-curing polyurethane adhesive with a fibrous aspect.

Its very high water resistant properties allow joining of wood with D4 classification according to EN 204 standard.

AREAS OF APPLICATION

ISOLEMFI 50113A MONO has been specially designed for water-resistant assemblies of substrates such as wood, concrete, PU foam, PS foam, metals and other building materials on porous substrates.

For difficult materials (especially galvanized steel, raw aluminium, polyester, PVC), it is necessary to make tests beforehand.

TECHNICAL DATA

Appearance	Thixotropic paste
Colour	Grey
Viscosity at 20 °C	Brookfield HBT / spindle 7 / 5 rpm : ca 400,000 mPa.s
Density at 20 °C	1.37 ± 0.05
Conventional solids content (EN 827)	> 98 %
Open time at 20 °C	Ca 30 s*
Pressing time at 20 °C	20 min* in thin layer
Cleaner	EMFINET 683 before setting
Specific data	Skin formation time at 20 °C : 3 ± 1 min*

* These times depend on temperature : open time and skin formation time are shorter over 20 °C and longer under 20 °C.

Setting time depends on hygrometry and temperature. So it is necessary :

- in case of working under 20 °C : to be sure that the pressing time is long enough.
- in case of working over 20 °C : to be sure that open time and closed assembly time are not excessive.

Otherwise, defective bonding could happen.

If necessary, refer to our technical service.

INSTRUCTIONS FOR USE

Substrate preparation :

The substrates must be clean, even, dry, dust free and not have any traces of grease or other contaminants that could harm bonding. They may be cleaned, EMFINET 683, methylethylketone (MEK) or acetone may be used.

The use of solvents must comply with local regulations. Check the compatibility of the solvent used with the substrates. If necessary, rub down metal surfaces beforehand. Clean them after rubbing down. Allow the substrate to dry after degreasing.

ADVICE

See also material safety
data sheet



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

Application :

The adhesive is applied to one of the surfaces to be bonded :

-on the whole surface with a spatula or a serrated spreader

-in strips with a cartridge gun

One of the materials to be bonded must be porous or contain moisture.

If both substrates are non porous, it is imperative to spray a light water mist (10 to 15 g/m²) onto the adhesive film.

Assembling has to be followed by a uniform and maximum pressure applied across the entire surface without irreversible deformation of substrates.

Cleaning :

Tools should be cleaned with EMFINET 683, xylene, methylethylketone (MEK) or acetone before the adhesive has completely cured. After curing, abrasion is necessary.

CONSUMPTION

Ca. 400 g/m²

STORAGE AND SHELF LIFE

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

PACKAGING

310 ml cartridges

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.