



Product code : 572702

ISOLEMFI 5727/02 MONO

DESCRIPTION

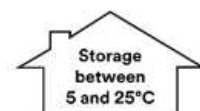
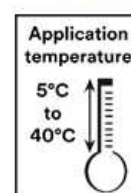
ISOLEMFI 5727/02 MONO is a one-part polyurethane-based moisture curing adhesive.

AREAS OF APPLICATIONS

ISOLEMFI 5727/02 MONO is specially adapted for bonding requiring good water resistance: bonding of wood on itself as well as on other substrates like plaster, plasterboards, metal, brick, concrete.

These substrates can also be bonded between them on the condition that one at least contains moisture (it is, for example, impossible to bond metal on itself).

ISOLEMFI 5727/02 MONO is certified in conformity with Lloyd's « Rules and Regulations for the Construction and Classification of Ships for the Carriage of Liquefied Gases in Bulk », as well as with the relevant GTT (Gaz Transport & Technigaz) specifications.



TECHNICAL DATA

Color	Brown
Viscosity at 20°C	Brookfield LVT 2 / 6 rpm: 675 ± 175 mPa.s
Density at 20°C	1.11 ± 0.01
Application temperature	5 to 40°C
Open time at 20°C	Approx. 15 min
Pressing time at 20°C	Min. 2 h
Final setting time at 20°C	Approx. 24 h
Temperature resistance	-40 to +100°C
Cleaner	EMFINET 683 before setting (highly flammable)

INSTRUCTIONS FOR USE

Substrates preparation:

The substrates to be bonded must be dry, dust free and not have any traces of grease or other contaminants that could harm bonding.

If the substrates need to be cleaned, use EMFINET 683, methylethylketone (MEK) or acetone. For materials sensitive to ketones, use ethanol.

Check their compatibility with the substrates.

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

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

Application:

ISOLEMFI 5727/02 MONO is to apply on one of the substrates to be bonded with a brush, a finely serrated spreader or by spraying with a pneumatic gun.

Distribute evenly over the entire surface and press to ensure a perfect contact between substrate and adhesive. Exert the maximum possible pressure without deforming the material in an irreversible way.

The setting time depends on hygrometry and temperature.

It is therefore imperative:

- in case of working under 20°C: to ensure that pressing time is sufficient;
- in case of working over 20°C: to ensure that open time and closed assembly time are not excessive.

Otherwise, defective bonding could happen.

Cleaning:

Tools can be cleaned with EMFINET 683, methylethylketone (MEK) or acetone before the adhesive has completely cured.

After curing, abrasion is necessary.

CONSUMPTION

Approx. 100 g/m² depending on application method and materials to be bonded.

STORAGE AND SHELF LIFE

12 months in closed original packaging stored at a temperature between 5 and 25°C.

In cold weather, store the packaging at about 20°C before use.

PACKAGING

6,5 kg metal cans and 10 kg metal drums.

Contact us for other packaging options.

SAFETY

Read 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.