



Product code : 572702

## ISOLEMFI 5727/02 MONO

### DESCRIPTION

One-part polyurethane-based moisture curing adhesive.

### AREAS OF APPLICATION

ISOLEMFI 5727/02 MONO may be used for assemblies with good resistance to water : wood upon other materials such as plaster boards, concrete, steel or aluminium sheets, bricks, or these materials upon one another (but not metal to metal) if one of them is wet.

### TECHNICAL DATA

Colour	Brown
Viscosity at 20 °C	Brookfield LVT / spindle 2 / 6 rpm : 500 à 2,000 mPa.s
Density at 20 °C	1.11 ± 0.01
Conventional solids content (EN 827)	89 ± 2 %
Open time at 20 °C	Ca 15 min*
Pressing time at 20 °C	Minimum 2 h*
Final setting time at 20 °C	Ca 24 h*
Temperature resistance of the assemblies	- 40 to + 100 °C
Cleaner	EMFINET 683 before setting

### ADVICE

See also material safety data sheet



\*The 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.

### 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.

If the substrates need to be cleaned, methyl ethyl ketone (MEK) 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.

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

#### Application :

The adhesive is uniformly applied on one of the substrates to be bonded with a brush, a pneumatic gun or a serrated spreader.

One of the materials to be bonded must contain moisture.

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 MEK or our solution 683 before the adhesive has completely cured. After curing, abrasion is necessary.

#### CONSUMPTION

Ca 100 g/m<sup>2</sup>

#### STORAGE AND SHELF LIFE

12 months in closed original packaging stored in dry premises between 5 and 25 °C

#### PACKAGING

6.5, 10 and 28 kg metal cans ; 1 kg bottles

#### SAFETY

Highly flammable and harmful. 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.