



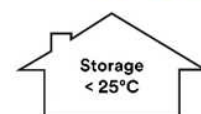
Product code : 50013A

ISOLEMFI 3100 RAPIDE

D4 classified according to EN 204 and 205 standards.

DESCRIPTION

ISOLEMFI 3100 RAPIDE is a fast one-part polyurethane-based moisture curing adhesive. Wood to wood bonding performed with ISOLEMFI 3100 RAPIDE present an excellent water resistance (D4 classification according to EN 204 and 205 standards).



AREAS OF APPLICATIONS

ISOLEMFI 3100 RAPIDE is specially adapted for bonding requiring excellent moisture resistance: bonding of outdoor joinery (can be used on exotic and greasy woods), bonding of wood on himself as well as on other substrates like plaster, plasterboards, metal, bricks, concrete. These substrates can also be bonded between them on the condition that one at least contains moisture.

ISOLEMFI 3100 RAPIDE can be used for miscellaneous bonding in boat fittings and also to bond different insulating materials like polyurethane foam, expanded or extruded polystyrene, mineral wool on wood, chipboard panels, steel sheets, polyester, fiber-cement, plasterboards.

ISOLEMFI 3100 RAPIDE must not be used in toys and childcare articles which can be placed in the mouth by children.

TECHNICAL DATA

Color	Brown
Viscosity at 20°C	Brookfield RVT 4 / 10 rpm: 10,500 ± 3,500 mPa.s
Density at 20°C	1.13 ± 0.03
Application temperature	15 to 25°C
Open time at 20°C	16 min at 50% RH
Pressing time at 20°C	Approx. 60 min
First setting time at 20°C	Approx. 30 min
Final setting time at 20°C	24 h
Water resistance	Excellent
Cleaner	EMFINET 683 before setting (highly flammable)

INSTRUCTIONS FOR USE

Substrates preparation:

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

Product code : 50013A - Version 8 from 27-10-2023
3 rue Ettore Bugatti - 67500 Haguenau
Tél : 03 88 90 60 00 - Fax : 03 88 73 48 38
Internet : <http://www.emfi.com> - EMail : emfi@emfi.com
Writer : CD

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 metallic surfaces beforehand (especially in presence of oxidation). After rubbing down, clean them with a solvent and allow to dry for at least 10 minutes.

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

Application:

ISOLEMFI 3100 RAPIDE is to apply on one of the substrates to be bonded with a brush or a serrated spreader.

Distribute evenly over the entire surface and press to ensure a perfect contact between substrate and adhesive. It is not necessary to exert strong pressure, but materials must be kept in contact on the whole surface during the setting time (approx. 30 min).

One of the substrates to be bonded must be porous or contain moisture. If both substrates are non-porous, it is imperative to spray a light water mist on the adhesive (10 to 15 g on 100 g adhesive).

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

120 to 250 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 below 25°C.

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

Keep out of reach of children.

PACKAGING

500 and 1,000 g bottles.

5, 30, 60 and 225 kg drums.

1,100 kg containers.

Contact us for other packaging options.

SAFETY

Read material safety data sheet before use.

PRECAUTIONS FOR USE

Restricted to professional users.

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.

Product code : 50013A - Version 8 from 27-10-2023
3 rue Ettore Bugatti - 67500 Haguenau
Tél : 03 88 90 60 00 - Fax : 03 88 73 48 38
Internet : <http://www.emfi.com> - EMail : emfi@emfi.com
Writer : CD

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.