



Product code : 086000

EMFIBOIS 860

D2 classified according to EN 204 standard

DESCRIPTION

EMFIBOIS 860 is a fast setting, ready-to-use wood adhesive, based on vinyl aqueous dispersion.

Its D2 classification allows indoor use with occasional short-term exposure to running or condensed water.



AREAS OF APPLICATIONS

EMFIBOIS 860 is mainly intended for the assembly of all kind of wood species (assembly of furniture), for bonding veneers, laminated panels, chipboards and MDF.

Thanks to its high bond strength, EMFIBOIS 860 allows the bonding of hard and soft woods.

TECHNICAL DATA

Color	Beige
Viscosity	Brookfield RVT 6 / 20rpm: 15 000 \pm 2 000 mPa.s
Density at 20°C	Approx. 1.25
pH	Approx. 7
White point	+6°C
Application temperature	10 to 30°C
Cold resistance	Down to -25°C
Open time at 20°C	Approx. 10 min *
Pressing time (for information purposes, for a 10% wood moisture)	<p>At 20°C:</p> <ul style="list-style-type: none">- Joints bonding: approx. 10 min- Furniture bonding: 10 to 12 min- Veneers bonding: 10 to 12 min- Surfaces bonding (laminated panels): 15 to 20 min <p>At 50°C:</p> <ul style="list-style-type: none">- Joints bonding (one side preheated): 3 to 5 min- Surfaces bonding (laminated panels): 6 to 8 min <p>At 80°C:</p> <ul style="list-style-type: none">- Veneers bonding: 2 to 4 min
Cleaner	Water before drying

* this time depends on hygrometry (wood and air) and ambient temperature, but also application quantity and absorbability of the substrates.

INSTRUCTIONS FOR USE

Substrates preparation:

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

It is recommended to plan or sand the parts to be bonded. Clean them again after sanding.

Bonding:

EMFIBOIS 860 is generally to apply single-sided with a brush, a notched spatula or with a roller.

Automated application systems such as automated gluing machines (with 2 or 4 rollers) can also be used.

Distribute evenly over the entire surface, assemble as soon as possible and press.

Pressure and pressing time depend on the nature of the substrates, their moisture content, temperature and applied quantity of adhesive. The pressing time is at least 10 minutes at 20°C.

Cleaning:

Tools, overflows or stains of fresh adhesive can be cleaned with water. After drying, abrasion is necessary.

LIMITATIONS

In order to obtain optimal bonding, moisture content from woods should be from 8 to 12 %, maximum 15 %.

Temperature of adhesive and substrates must be between 10 and 30°C, preferably between 18 and 20°C.

Do not work below 10°C.

CONSUMPTION

100 to 200 g/m² depending on application method and materials (surface condition, wood porosity) to be bonded:

- 100 to 150 g/m² for automated application
- 150 to 200 g/m² for manual application

STORAGE AND SHELF LIFE

12 months in closed original packaging stored at a temperature between 10 and 25°C.

Not frost sensitive (resists during transport down to -25°C). Before use, gradually bring to room temperature and stir well.

PACKAGING

500 g plastic bottles.

6 and 25 kg plastic buckets.

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.