LEMAHIEU
TIMBER

Lemahieu Group

LEMAHIEU TIMBER

LEMPAN PANELS

LDC WOOD / THERMOWOOD®

Knowledge of wood and craftsmanship are the foundation of **LEMAHIEU products**. Innovation, quality, and customisation are of the utmost importance in our machinery and ensure continuous innovation in our assortment.

Besides standard panels, **LEMPAN** also offers special products, such as Okoume plywood or MDF TRICOYA EXTREME from MEDITE. Please see our separate LEMPAN publication with an overview of our panels.

LDCwood is the 50/50 joint venture between Lemahieu Group and Decolvenaere Houtimport. LDCwood has been the Belgian market leader in the production of ThermoWood® since 2016.

We endeavour to be a loyal partner to the timber trade and specialised timber-processing industry both in domestic and in international markets. So, it is our mission to strive for an excellent level of customer service and satisfaction by supplying high-quality timber and panels and by maintaining and developing strong relationships with our stakeholders.

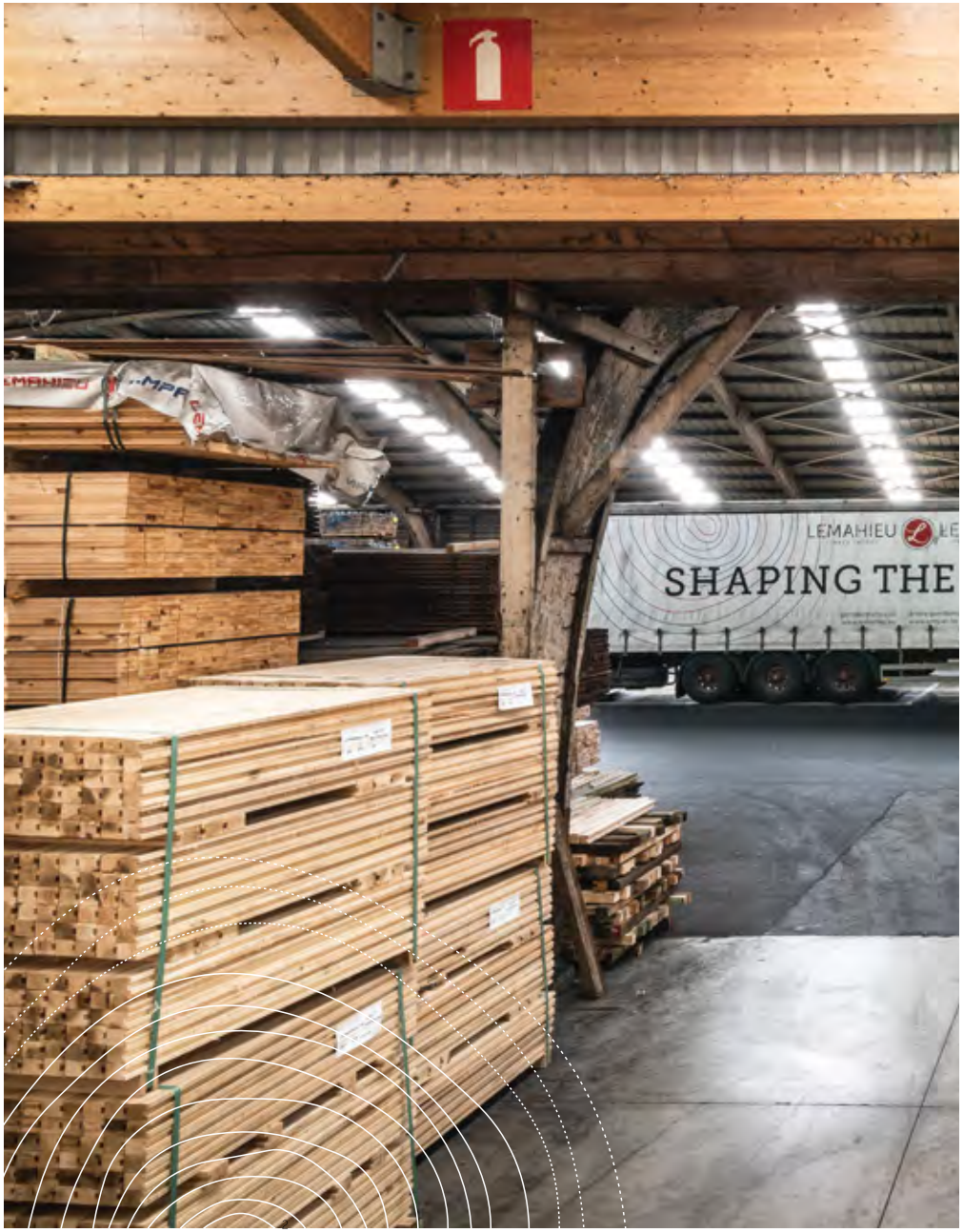
Ghent - Registered office

Ostend - Production site

Shaping the future of timber & panels

The complementarity of our various divisions and the specialised wood and panel knowledge of our staff form the basis for a flourishing future of wood and panels as a sustainable (building) material.

We continue to push the boundaries of wood and panel applications thanks to ecologically sound production methods, preservation, fire-retardant treatments, responsible purchasing, and customized solutions.



Lemahieu Academy

We do not keep our expertise to ourselves. We want to help customers, construction professionals, and students to grow by transferring our knowledge to them. Trends in the sector, relevant legislation, and practical cases are set out in personalised workshops and presentations tailored to the target audience.

We also want to use internships, guided tours, and presentations to motivate and support young people and students in their professional development and the start of their careers.

Academy

Want to refresh your knowledge? Check our website and subscribe to one of the upcoming courses.

www.lemahieuacademy.be

Facts & figures Lemahieu Group

LEMAHIEU GROUP

Scan and read more

220

We import 220,000 m^3 of timber and panels annually

8.5

We plane 8,500,000 rm of timber every year

100

Our 100 employees share a passion for wood

120

Our covered storage space counts 120,000 m^2

90

Ninety years of craftsmanship and experience since 1932

CO_2

Lemahieu Group has been carbon-neutral since 2021

Did you know...

... that Lemahieu Group has actually been around for more than 90 years?

At the beginning of the 20th century, the Lemahieu family was already active in the timber industry. The date of establishment has not been found, but documents from 1911 refer to 'Menuiserie Lemahieu' in Gullegem. But it is the year 1932, when they moved the company to Kortrijk and started focussing on the import of timber, that we mark as the actual start of Lemahieu Group.

... our grinding shop works with more than 2,000 profile knives and cutters?

After 85 years, our grinding shop has a great collection of more than 2,000 profile knives and cutters. This allows us to plane a wide variety of profiles depending on the application and our customers' wishes. Thanks to our many years of experience we can easily develop customized solutions.

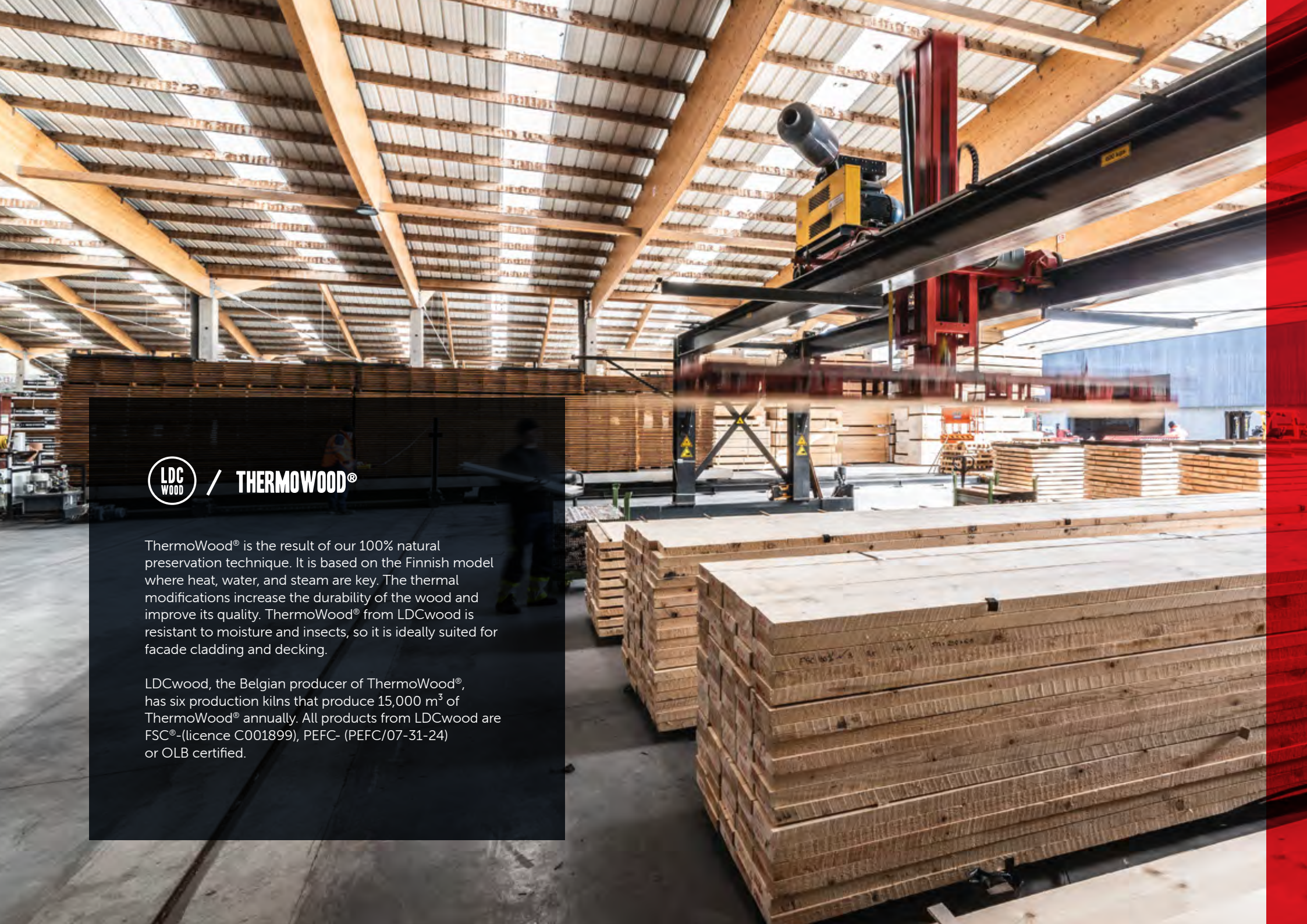
Wood, the material for a sustainable future

Every process, every division, and every product is imbedded with sustainability. Our investments in the latest, most ecological technologies and product innovations allow us to maximise the sustainability of our most cherished raw material: wood. Sustainability is the common thread in everything we do from purchasing to production and from investments to personnel management.

We aim to import 100% of our wood from sustainably managed forests by 2025.

Our machinery in Ostend runs entirely on locally produced green energy thanks to our solar panels.

At Lemahieu Group, we want to create a pleasant work environment for our staff by providing development opportunities, informal activities, and business facilities. This is how we strive to ensure that everyone enjoys coming to work.



/ THERMOWOOD®

ThermoWood® is the result of our 100% natural preservation technique. It is based on the Finnish model where heat, water, and steam are key. The thermal modifications increase the durability of the wood and improve its quality. ThermoWood® from LDCwood is resistant to moisture and insects, so it is ideally suited for facade cladding and decking.

LDCwood, the Belgian producer of ThermoWood®, has six production kilns that produce 15,000 m^3 of ThermoWood® annually. All products from LDCwood are FSC®-(licence C001899), PEFC- (PEFC/07-31-24) or OLB certified.

What wood you choose?

Indoor

A lively interior is created with an equally lively material: wood. Our assortment of wood and panels is the foundation for an authentic look. The possibilities are endless thanks to our custom-made solid wood for floors, walls, and ceiling coverings.

Outdoor

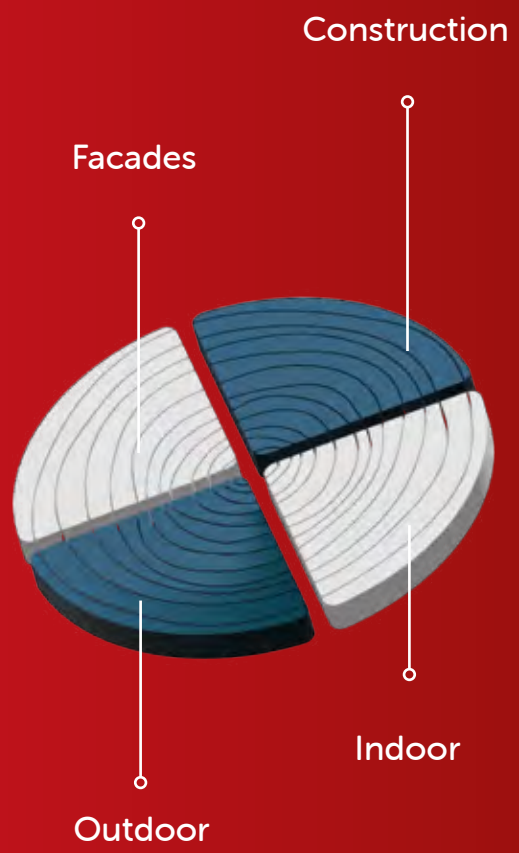
Wood is a reliable and durable material that is a real eye-catcher due to its natural character. The variety of wood types and preservation techniques makes it ideally suited to different outdoor applications.

Construction

Wood's versatility and ease of use make it a logical choice for structural building elements, flooring, furniture, or interior accents, and even kitchens, stairs, and everything in between.

Facades

Wooden facade cladding is the embodiment of contemporary architecture that respects nature. Wood is a popular choice because of the different preservation techniques and variety of looks you can create with it.



Wood types

Pine

Spruce

European Douglas

Siberian larch

Western Red Cedar

Southern Yellow Pine

Western Hemlock

Ipé

Walaba

Cumaru

Massaranduba

Dark Red Meranti

Merbau

Afrormosia

Afzelia Doussié

Padouk

European oak

Planed

BH100
Log cabin

Standard sizes
Min. thickness: 21 mm
Max. thickness: 32 mm
Min. width: 75 mm
Max. width: 180 mm

Standard wood types
Spruce
Pine

BH500
Log cabin

Standard sizes
Min. thickness: 45 mm
Max. thickness: 45 mm
Min. width: 75 mm
Max. width: 180 mm

Standard wood types
Spruce
Pine

BH600
Log cabin

Standard sizes
Min. thickness: 21 mm
Max. thickness: 38 mm
Min. width: 75 mm
Max. width: 180 mm

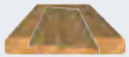
Standard wood types
Spruce
Pine

GB102
Facade cladding

Standard sizes
Min. thickness: 26 mm
Max. thickness: 26 mm
Min. width: 124 mm
Max. width: 124 mm

Standard wood types
Spruce
Pine

GR100
Facade cladding



Standard sizes
Min. thickness: 23 mm
Max. thickness: 23 mm
Min. width: 140 mm
Max. width: 190 mm

Standard wood types
Pine
Douglas

GR101
Facade cladding

Standard sizes
Min. thickness: 24 mm
Max. thickness: 28 mm
Min. width: 130 mm
Max. width: 180 mm

Standard wood types
Spruce
Pine

GR700
Facade cladding

Standard sizes
Min. thickness: 22 mm
Max. thickness: 34 mm
Min. width: 45 mm
Max. width: 180 mm

Standard wood types
Padouk

GH100
Broken corners

Standard sizes
Min. thickness: 11 mm
Max. thickness: 100 mm
Min. width: 40 mm
Max. width: 200 mm

Standard wood types
Spruce
Pine

GH550
Broken corners

Standard sizes
Min. thickness: 11 mm
Max. thickness: 100 mm
Min. width: 40 mm
Max. width: 200 mm

Standard wood types
Spruce
Pine

PAR100
Parallelogram

Standard sizes
Min. thickness: 21 mm
Max. thickness: 21 mm
Min. width: 40 mm
Max. width: 200 mm

Standard wood types
Padouk

PAR200
Parallelogram

Standard sizes
Min. thickness: 11 mm
Max. thickness: 48 mm
Min. width: 40 mm
Max. width: 200 mm

Standard wood types
Spruce
Pine

PL100
Planks

Standard sizes
Min. thickness: 15 mm
Max. thickness: 21 mm
Min. width: 75 mm
Max. width: 180 mm

Standard wood types
Western Red Cedar

PL200
Planks

Standard sizes
Min. thickness: 15 mm
Max. thickness: 33 mm
Min. width: 75 mm
Max. width: 180 mm

Standard wood types
Spruce
Pine

PL201
Planks

Standard sizes
Min. thickness: 21 mm
Max. thickness: 21 mm
Min. width: 75 mm
Max. width: 180 mm

Standard wood types
Spruce
Pine

PL300
Planks

Standard sizes
Min. thickness: 21 mm
Max. thickness: 21 mm
Min. width: 75 mm
Max. width: 180 mm

Standard wood types
Spruce
Pine

PL400
Planks

Standard sizes
Min. thickness: 19 mm
Max. thickness: 21 mm
Min. width: 82 mm
Max. width: 135 mm

Standard wood types
Spruce
Pine

RH300
Round corners

Standard sizes
Min. thickness: 15 mm
Max. thickness: 100 mm
Min. width: 40 mm
Max. width: 220 mm

Standard wood types
Spruce
Pine

RH860
Round corners

Standard sizes
Min. thickness: 88 mm
Max. thickness: 120 mm
Min. width: 120 mm
Max. width: 120 mm

Standard wood types
Pine

RG1750
Round corners

Standard sizes
Min. thickness: 34 mm
Max. thickness: 34 mm
Min. width: 90 mm
Max. width: 200 mm

Standard wood types
Pine

SP100
Battens

Standard sizes
Min. thickness: 20,5 mm
Max. thickness: 20,5 mm
Min. width: 140 mm
Max. width: 190 mm

Standard wood types
Western Red Cedar

Planed

TAS100
Tasseaupanels

Standard sizes
Min. thickness: 34 mm
Max. thickness: 34 mm
Min. width: 38 mm
Max. width: 55 mm

Standard wood types
Pine

TP100
Decking floor panels

Standard sizes
Min. thickness: 21 mm
Max. thickness: 40 mm
Min. width: 143 mm
Max. width: 143 mm

Standard wood types
Padouk

TP200
Decking floor panels

Standard sizes
Min. thickness: 21 mm
Max. thickness: 40 mm
Min. width: 143 mm
Max. width: 143 mm

Standard wood types
Padouk

TP300
Decking floor panels

Standard sizes
Min. thickness: 21 mm
Max. thickness: 40 mm
Min. width: 143 mm
Max. width: 143 mm

Standard wood types
Padouk

TP400
Decking floor panels

Standard sizes
Min. thickness: 21 mm
Max. thickness: 40 mm
Min. width: 143 mm
Max. width: 143 mm

Standard wood types
Padouk

TP401
Decking floor panels

Standard sizes
Min. thickness: 21 mm
Max. thickness: 40 mm
Min. width: 143 mm
Max. width: 143 mm

Standard wood types
Padouk

TP500
Decking floor panels

Standard sizes
Min. thickness: 21 mm
Max. thickness: 21 mm
Min. width: 75 mm
Max. width: 180 mm

Standard wood types
Ipé

TP600
Decking floor panels

Standard sizes
Min. thickness: 24 mm
Max. thickness: 26 mm
Min. width: 143 mm
Max. width: 190 mm

Standard wood types
Ipé

VP100
Floor panels

Standard sizes
Min. thickness: 22 mm
Max. thickness: 32 mm
Min. width: 75 mm
Max. width: 180 mm

Standard wood types
Spruce
Pine

VP200
Floor panels

Standard sizes
Min. thickness: 22 mm
Max. thickness: 32 mm
Min. width: 75 mm
Max. width: 180 mm

Standard wood types
Pine

ZP100
Z-profiles

Standard sizes
Min. thickness: 21 mm
Max. thickness: 27 mm
Min. width: 75 mm
Max. width: 180 mm

Standard wood types
Spruce
Pine

ZP200
Z-profiles

Standard sizes
Min. thickness: 18 mm
Max. thickness: 18 mm
Min. width: 140 mm
Max. width: 140 mm

Standard wood types
Pine

Timber construction

SLS
Timber construction

Sizes
Available in various thicknesses, widths and lengths

Standard wood types
Spruce

KVH
Timber construction

Sizes
Available in various thicknesses, widths and lengths

Standard wood types
Spruce

Laminated beams
Timber construction

Sizes
Available in various thicknesses, widths and lengths

Standard wood types
Spruce

LVL
Timber construction

Sizes
Available in various thicknesses, widths and lengths

Standard wood types
Spruce
Pine

I-JOISTS
Timber construction

Sizes
Available in various thicknesses and widths

Wood types
Top and bottom flange in solid wood and moisture-resistant glued with OSB core board

CLT
Timber construction

Sizes
Cross-laminated timber panels available in various sizes

ThermoWood®

ThermoWood®
ash

ThermoWood®
poplar

ThermoWood®
ayous

ThermoWood®
fraké

ThermoWood®
spruce

ThermoWood®
pine

ThermoWood®
radiata pine

/ THERMOWOOD®

LDC GODO
ThermoWood® fraké

Sizes
Thickness: 34 mm
Width: 70 mm (83)

LDC NOLA
ThermoWood® ayous

Sizes
Thickness: 18 mm
Width: 105 mm (120)

LDC ZAZA
ThermoWood® ayous

Sizes
Thickness: 21 mm
Width: 155 mm (168)

LDC EDEA
ThermoWood® ayous

Sizes
Thickness: 21 mm
Width: 115 mm (126)

LDC MORA
ThermoWood® ayous

Sizes
Thickness: 21 mm
Width: 131 mm (142)

LDC BANA
ThermoWood® ayous

Sizes
Thickness: 21 mm
Width: 159 mm (170)

LDC RIB4
ThermoWood® ayous

Sizes
Thickness: 21 mm
Width: 107 mm (115)

LDC RIB5
ThermoWood® ayous

Sizes
Thickness: 21 mm
Width: 141,7 mm (133,7)

LDC RIB6
ThermoWood® ayous

Sizes
Thickness: 21 mm
Width: 160 mm (168)

LDC TIKO
ThermoWood® ayous

Sizes
Thickness: 34 mm
Width: 85 mm (101)

LDC BOGO
ThermoWood® ayous

Sizes
Thickness: 34 mm
Width: 127,5 mm (143,5)

LDC FARO
ThermoWood® ayous

Sizes
Thickness: 34 mm
Width: 170 mm (186)

LDC ELSA
ThermoWood® ayous

Sizes
Thickness: 20 mm
Width: 130 mm (140)

LDC BELO
ThermoWood® ayous

Sizes
Thickness: 34 mm
Width: 105 mm (121)

LDC LOBO
ThermoWood® ayous

Sizes
Thickness: 34 mm
Width: 157 mm (172)

LDC TABY
ThermoWood® spruce

Sizes
Thickness: 9,5 or 20 mm
Width: 130 mm (140)

LDC JAMY
ThermoWood® spruce

Sizes
Thickness: 9,5 or 20 mm
Width: 175 mm (190)

LDC KITE
ThermoWood® spruce

Sizes
Thickness: 20 mm
Width: 130 mm (140)

LDC KYLE
ThermoWood® spruce

Sizes
Thickness: 27 mm
Width: 127,5 mm (143,5)

LDC OSLO
ThermoWood® spruce

Sizes
Thickness: 34 mm
Width: 127,5 mm (143,5)

LDC BODO
ThermoWood® spruce

Sizes
Thickness: 34 mm
Width: 170 mm (186)

LDC ALTA
ThermoWood® spruce

Sizes
Thickness: 18 mm
Width: 131 mm (142)

There is more...

CNC Hundegger Robot-Drive

The most complex operations are carried out on our six-axis CNC machine with extreme precision in accordance with the construction drawings . The six axes and automatic changeover between sixteen tools ensure a smooth and highly accurate processing in a single run. We process timber up to 15 metres long and with sections from 20 x 60 mm to 300 x 650 mm.

We are happy to assist our customers with the design of bespoke oak buildings, structural connections, ... Our design department can help you to optimise your 3D designs or design the construction drawings in consultation with you. After the drawings have been approved, we will set to work and send you a numbered building kit that will give you incredible time savings during installation.

Immersion and impregnation

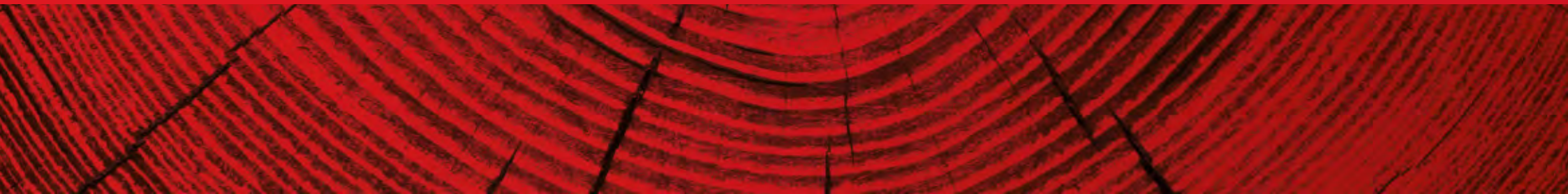
We use different preservation techniques to protect the timber and extend its lifespan. Our machinery includes:

4 impregnation plants
Timber can be treated green or brown with Wolmanit CX-10 or black with Wolsit-EC 100. The impregnation stations have a BUtgb approval and a CTB-B^{+} approval for green and brown impregnation.

After treatment, the timber can be used in usage classes 2, 3, 4, or 4 SP.

2 immersion systems
Preservation of timber by dipping is mainly used for timber that is not exposed to weather and wind. With this technique, we immerse the timber in the preservative for a certain period of time.

The dipping has a low ecological impact. Green timber is treated with Sarpeco 9+ or colourless with WOLSIT EC40. The dipping systems are ATG-approved.



Sawing and planing

Lemahieu Processing has a standard assortment of laths, spars, planks, and construction timber in stock. We can process numerous other models to your specifications and, if desired, impregnate them or treat them with a fire retardant. Large beams up to 15 m long and sections up to 300 x 400 mm are planed and chamfered on four sides with ease. We have eight planing lines and three sawing units and offer a solution for:

- Sawing, shortening, package shortening, angled sawing, splitting timber into two, three, etc.
- Customized shortening after planing
- Cross-cut milling, tongue and groove milling, planing and cross-cut machining or only cross-cut machining
- Spalting, sawing beams into several sections
- Packaging shrink wrap, personalised cardboard retainers, etc.
- Capability of handling smaller packs by using tie-down straps (3, 4, 5, etc. items per pack).

Fire-retardant treatment

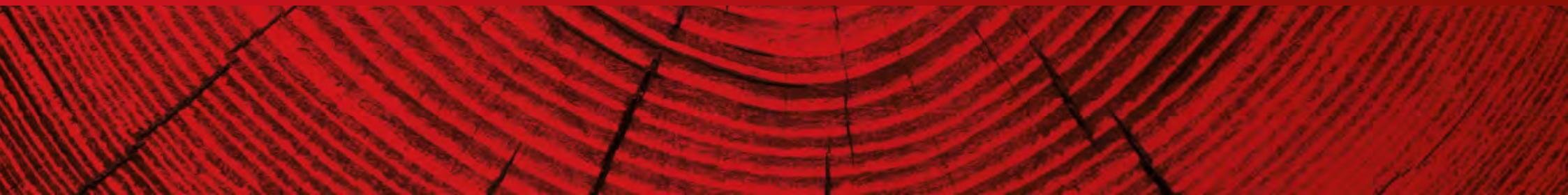
Our Lemahieu Fire Protection® solution is an fire-retardant treatment. We use it on timber, panels, and ThermoWood® with Burnblock® in our autoclave under vacuum pressure to achieve the desired reaction to fire class. Unlike many other products on the market, the fire retardant, Burnblock®, consists of 100% natural ingredients and is Cradle-to-Cradle GOLD™ certified.

Precision and advice tailored to your needs

We have profiles in stock for the most diverse applications and types of timber. Can't find what you're looking for? Feel free to contact us without obligation.

We plane our profiles in a variety of wood types, both hardwood and softwood. Depending on your desired application, we can preserve the timber (by immersion, impregnation, or thermal treatment) or treat it with the fire retardant Burnblock®.

We guarantee the highest quality and customised advice thanks to our expertise and product knowledge. We provide customised solutions with precision and passion for the timber specialist.



Cut from the right wood

Our wide-ranging knowledge, innovative techniques, and sustainable materials cohere to guarantee ecologically sound applications for indoors and outdoors. Do you want more information about our products or already know exactly what you want to put in our capable hands? You are welcome to contact us.

Registered office

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