LEMAHIEU
Fire Protection®

THE REACTION TO FIRE CLASSIFICATION OF YOUR WOODEN FACADE

LEMAHIEU
Fire Protection®

In contemporary architecture that respects the environment, wooden facade cladding is a very common choice. Thanks not only to the various techniques for preserving wood, but also to the enormous range available, everyone can find a look that matches the appearance of the building.

One of the challenges for wooden facade cladding is meeting the required fire reaction class. In this brochure, we provide an overview of the legal requirements regarding fire reaction classes for facade cladding, alongside the solution we offer with Lemahieu Fire Protection® with Burnblock®.

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WHAT ARE

THE REQUIREMENTS?

WHAT ARE THE REQUIREMENTS?

Statutory requirements regarding the reaction to fire classification of facades in their end-use conditions

To limit or delay the spreading of fires via the facade, the Royal Decree imposes **various requirements with regard to the reaction to fire of facade cladding in its enduse conditions** (in other words, as present on site). This means that when assessing the reaction to fire of the facade cladding, one must take into account the potential influence of the underlying material layers and the way in which they are fastened. Table A provides an overview of the reaction to fire requirements for facade cladding indicated in the revision in their end-use conditions.

The regulations

Building type	High buildings	Middle-high buildings	Low buildings	
			User type	
			Not self-reliant (type 1)	Self-reliant and sleeping (type 2) or self-reliant and awake (type 3)
Facade cladding (1)	A2-s3,d0	B-s3,d1	C-s3,d1	D-s3,d1
(1)	The doors, facade decorations, joints and technical equipment in the facade (e.g. signboards, lighting devices, air-conditioning grids, drain pipes, plant holders and wall penetrations for heating installations) are not subject to the aforementioned requirements, provided that their total visible surface makes up less than 5% of the visible surface of the facade concerned.			

Table A
[1] Source: WTCB

IT IS IMPORTANT TO NOTE THAT THESE REQUIREMENTS APPLY TO TIMBER FACADE CLADDINGS IN THEIR END-USE CONDITIONS AND NOT TO THE CLADDING AS SUCH.

Project Hockey & Padel Gantoise, Ghent. Facade cladding in ThermoWood® pine by LDCwood, treated with fire retardant by *Lemahieu Fire Protection® with Burnblock®* up to B-s1,d0.

LOW BUILDINGS (h < 10 m)

For low buildings (h < 10 m), the requirements depend on the type of use:

- *sleeping self-reliant users* (type 2; e.g. hotels and apartment buildings) and awake users (type 3; e.g. office buildings, shops): the facade cladding must be in reaction to fire class **D-s3,d1**
- *non-self-reliant users* (type 1; e.g. hospitals, prisons and nurseries): the facade cladding must be in reaction to fire class **C-s3,d1.**

MEDIUM-HIGH BUILDINGS (10 m ≤ h ≤ 25 m)

For medium-high buildings (10 m ≤ h ≤ 25 m) the requirements remain unchanged.

In this case the facade cladding must at least meet the requirements of reaction to fire class **B-s3,d1**.

HIGH BUILDINGS (h > 25 m)

The regulations contain stricter requirements for high buildings (h > 25 m).

Thus the facade cladding must meet the requirements of reaction to fire class **A2-s3,d0.** according to the NBN EN 13501-1 (6) standard or by means of a LARGE-SCALE TEST (for example SP FIRE 105).

REACTION TO FIRE CLASSIFICATION D-S3,D1

To comply with fire reaction class D-s3,d1, it depends on the wood product you choose which conditions you need to meet.

The new fire regulations **(20 August 2024)** distinguish between 'treated' wood and 'untreated' wood.

What is untreated wood?
= wood that has not been preserved through impregnation, has not been thermally or chemically modified, and/or has not received any surface treatment such as oil, paint, or varnish, etc.

What is treated wood?
= wood that has been preserved through impregnation, thermally or chemically modified, and/or received a surface treatment such as oil, paint, or varnish, etc.

UNTREATED WOOD

Every untreated wood type qualifies if it meets the conditions below based on CWFT (Certified Without Further Testing).

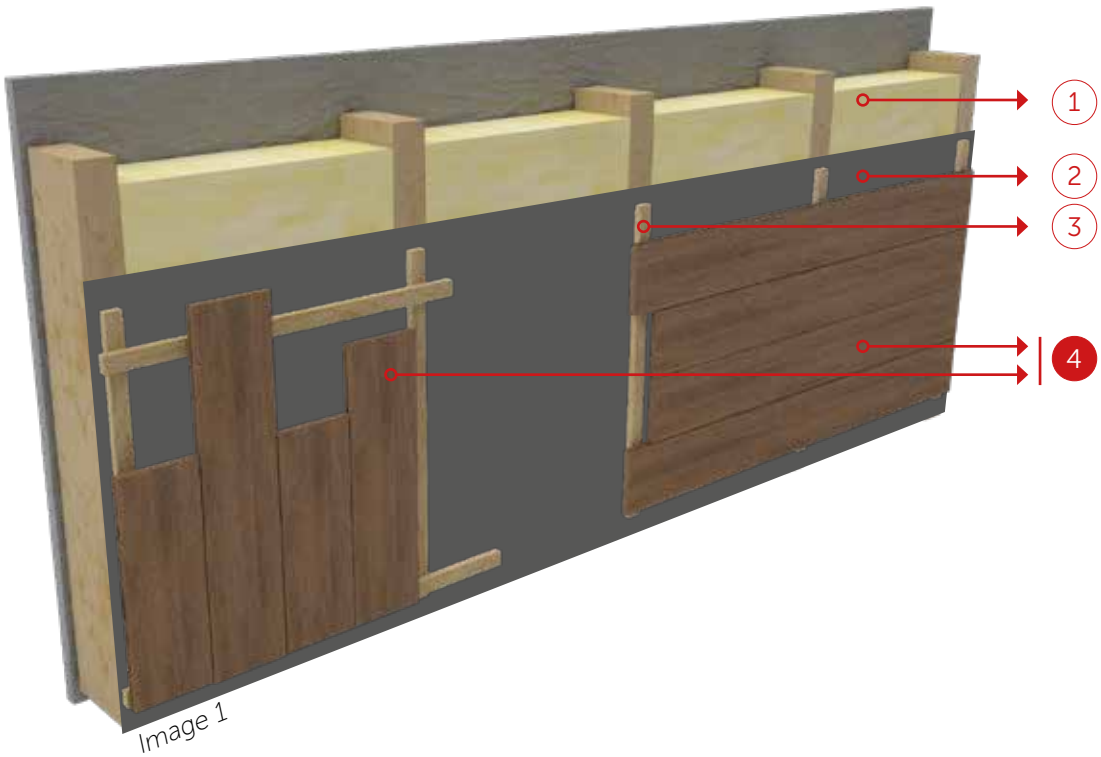


Image 1

1 **Insulation**
At least A2-s1,d0 with a min. density of 10 kg/m3 (for example mineral wool)
PIR and PUR don't have class A. In that case, it is necessary to add a panel with fire class A2-s1,d0.

2 **Moisture barrier.**

3 **Ventilated air cavity + attachment system** (e.g. spruce or pine timber).

4 **Closed facade cladding, placed horizontally or vertically:**

With a profile:

> Flat: min. thickness of 18 mm is required *or*
> Ribbed: min. thickness of 18 mm and min. thickness of 12 mm on the thinnest part is required (on max 25% of the profile area)

In a type of wood:

> with a min. average density of 390 kg/m^3.

Any deviation from the above conditions must be tested.

TREATED WOOD

According to the **new rules of August 20, 2024**, the 'treated wood' must be tested to determine if the facade construction meets the required reaction to fire class. You can no longer simply rely on the CWFT table when choosing 'treated' wood products.

Solutions to avoid the tests

> Treat the wood with a fire retardant

We offer a wide range of CE certified products. Our treatment impregnates the wood under vacuum pressure with the fire retardant Burnblock® and thus meets B-s1,d0 (better than D-s3,d1). The fire-retardant treatment can also be combined with a pre-weathering or color as a surface treatment. *> Page 25 'Certified products'*

> Choose LDCwood® ThermoWood®

The thermally modified products of LDCwood® ThermoWood® fall under the category of 'treated' wood. However, we can offer solutions* (without surface treatment) that meet the reaction to fire class D-s3,d1 without fire retardant treatment. *> Page 13*

*Tests and classification report WFRGent *nr. 22238D-24109A (shortened).*

Project: WZC Wielkine, Nazareth. Facade cladding in ThermoWood®, treated with fire retardant by*Lemahieu Fire Protection® with Burnblock®* up to B-s2,d0.

Comply with D-s3,d1 with LDCwood® ThermoWood® (without surface treatment)

Conditions for facade construction:

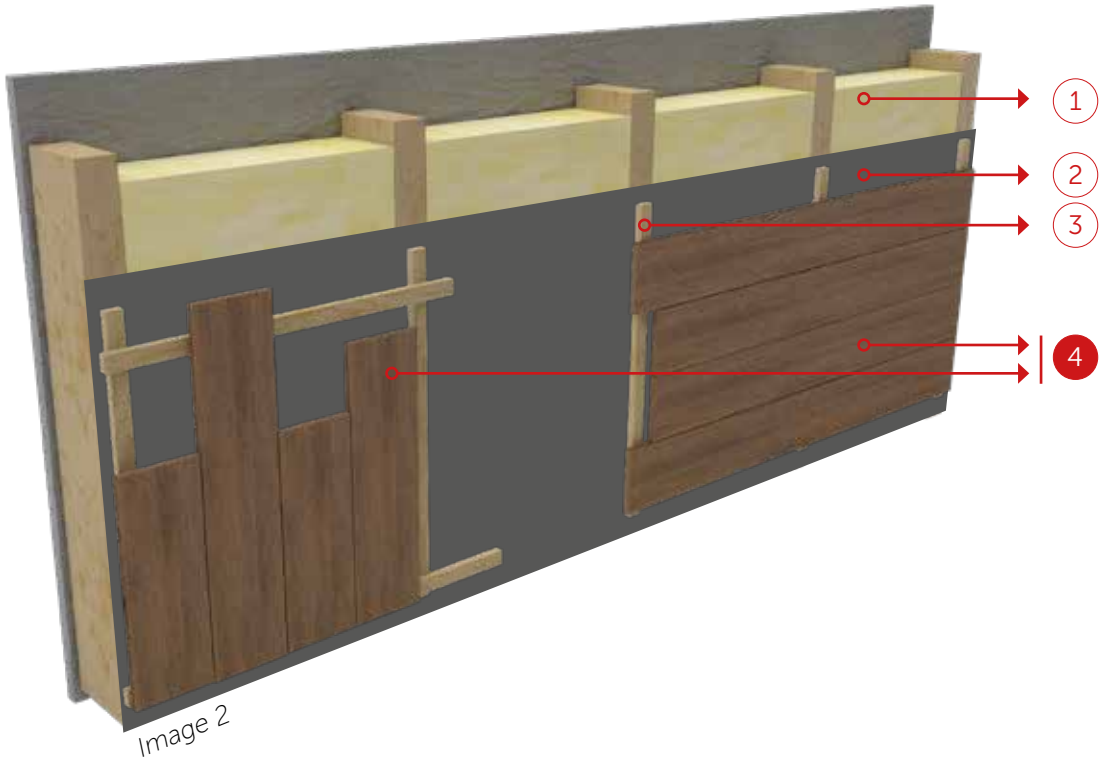


Image 2

1 **Substrate:**

> **Wood-based panels**
(class D-s2,d0 or better, minimum thickness of 10 mm, minimum density of 510 kg/m^3) *or*
> **Non-combustible panels**
(class A2-s1,d0 or better, minimum thickness of 10 mm, minimum density of 510 kg/m^3)

2 **Moisture barrier.**

3 **Ventilated air cavity** with a min. thickness of 38 mm + attachment system (e.g. spruce or pine with a min. density of 450 kg/m3).

4 **Closed facade cladding, placed horizontally or vertically:**

A flat profile: a min. thickness of 18 mm and a covering width of 130 mm are required.

In LDCwood® ThermoWood® spruce, pine, fraké, ash, red oak or radiata pine (without surface treatment).

Any deviation from the above wood type and conditions must be tested.
A rain screen (<1 mm) has no significant impact on the reaction to fire class of closed cladding.

The importance of DOP

A DOP is a *declaration of performance* stating what properties a construction product complies with. It is a compulsory document for any finished product placed on the market. The DOP must state the reaction to fire class.

All planed end products of LDCwood® and Lemahieu Fire Protection have a DOP. If you plane rough sawn timber or ThermoWood® to a finished product yourself, you are responsible the DOP.

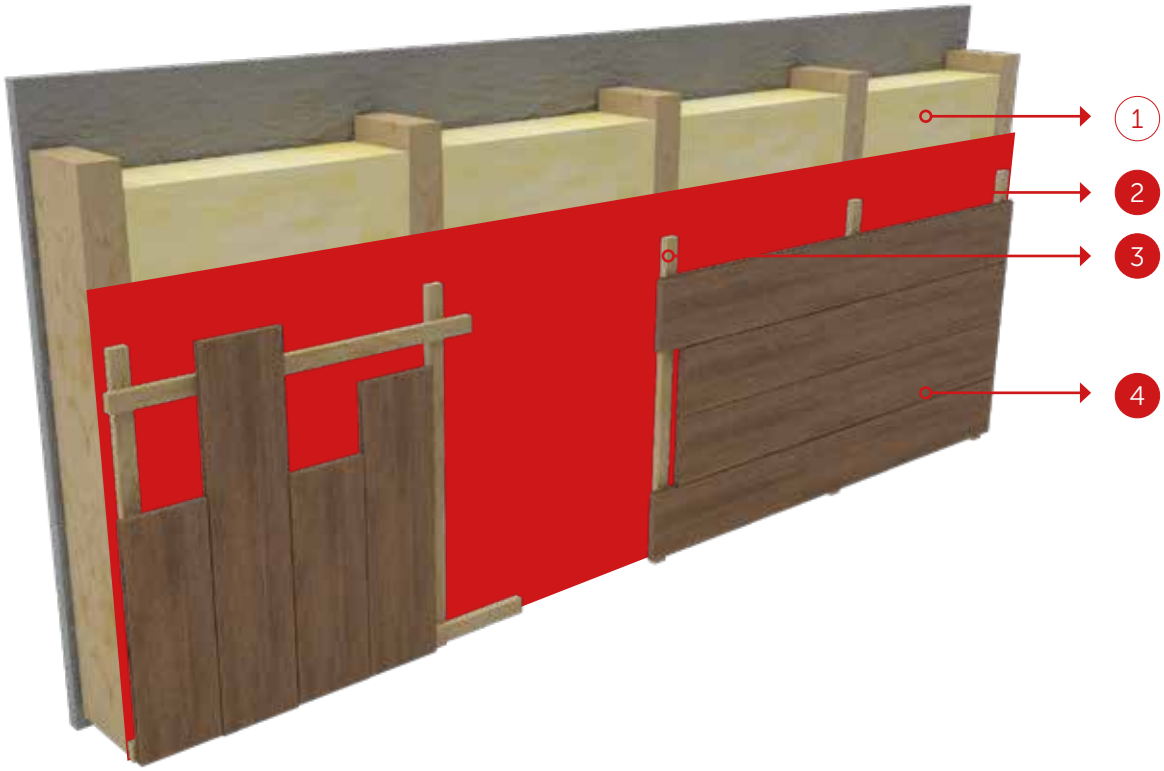
Project: WZC Wielkine, Nazareth. Facade cladding in ThermoWood®, treated with fire retardant by *Lemahieu Fire Protection® with Burnblock®* up to B-s2,d0.

REACTION TO FIRE CLASS **C-S3,D1 OR B-S3,D1**

Where the requirements of C-s3,d1 or B-s3,d1 need to be met, it is essential to treat the timber **with a fire retardant impregnation** and you need to obtain a **classification report** based on

For class C-s3,d1 and B-s3,d1, the requirements as stated on your certificate (type of timber, minimum thickness of timber, application, configuration, etc.) determine
whether you meet the required reaction to fire class. Once again it is important that the facade cladding should be fixed against a back wall / substrate with fire class A1 or A2. Insulation alone does not meet the regulatory requirements. A **protection plate of minimum A2-s1,d0** should be provided in the superstructure.

Project Hockey & Padel Gantoise, Ghent. Facade cladding in LDCwood® ThermoWood® Pine, treated with fire retardant by *Lemahieu Fire Protection® with Burnblock®* up to B-s1,d0.



1 **Insulation material**

To be taken into account for the reaction to fire.

2 **Protective panel** min. A2-s1,d0 | min. 9/12.5 mm | density: ≥ 652 kg/m³

3 **Ventilated air cavity + attachment system** (e.g. spruce or pine timber). Total depth of 42 mm or more.
At Lemahieu Fire Protection®, the underlying battens do not require a fire retardant treatment

4 **Closed facade cladding with a fire retardant treatment**

OPEN CLADDING

Open facade cladding is usually constructed with an opening of 10 mm between the facade battens. At the moment there is no standard classification for this. Lemahieu Fire Protection® will invest in testing in an attempt to enable classification for facade cladding with open joints.

! It is self-evident that in the case of an open system, the battens behind the facade also need to be given a fire retardant treatment.

There are currently 2 options for having a project with open cladding approved:

You change the design to a closed facade cladding.
You have an SBI test carried out specifically for a project and its application (END-use).
This option is more frequently used, but takes time and money. There is also no guarantee that it will succeed.

Lemahieu Fire Protection® only possesses certificates for closed cladding where the ulterior framework does not need to be treated (same as for fire rating D).

THE NEW RULES IN A HANDY FLOWCHART

We mapped out the different situations of the required reaction to fire class using a flowchart.

> Download the flowchart on our website: lemahieu.be

PRODUCT RANGE

TIMBER ON YOUR FACADE WHILE MEETING FIRE SAFETY STANDARDS?

IT IS POSSIBLE.

1. First CE-certified in Belgium for fire-retardant treated solid timber facade cladding.

2. Up to B-s1,d0.

3. Burnblock® is 100% natural, has **Gold-level Cradle-to-Cradle Certification™** and is fully biodegradable.

4. The underlying battens do not need to be treated with fire retardant.

5. From LDCwood® ThermoWood® facade cladding to fire-retardant Burnblock® treatment and optional color finishing or pre-aging: you will find everything under one roof with us.

CERTIFIED PRODUCTS

SOLID WOOD

According to classification: EN 13501-1:2018 and EN 13501-1:2020
According to test: EN 13823 (SBI) and EN 14135:2004

Types	Density	Min. thickness	Reaction to fire class
Spruce	355-536	15-42 mm	B-s1,d0
Pine	450-600	15-42 mm	B-s1,d0
Western Red Cedar	316-494	15-42 mm	B-s1,d0
Larch	550-630	15-42 mm	B-s1,d0
Ayous	330-530	15-42 mm	B-s1,d0
Western Red Cedar	350-450	12.5 mm	B-s2,d0
Ash	650-850	15-42 mm	B-s1,d0
Fraké	430-730	15-42 mm	B-s1,d0
Douglas Fir	480-580	15-50 mm	B-s1,d0

With a ventilated or non-ventilated air gap between product and substrate or with no air gap

THERMOWOOD®

According to classification: EN 13501-1:2018 and EN 13501-1:2020
According to test: EN 13823 (SBI)

Types	Density	Min. thickness	Reaction to fire class
ThermoWood® Spruce	314-434	15-42 mm	B-s1,d0
ThermoWood® Ash	590-680	15-42 mm	B-s1,d0
ThermoWood® Pine	450-500	15-42 mm	B-s1,d0
ThermoWood® Ayous	269-374	15-42 mm	B-s1,d0
ThermoWood® Ayous	305-470	15 mm	B-s2,d0 / B-s3,d0
ThermoWood® Fraké	410-730	15-42 mm	B-s1,d0
ThermoWood® Poplar	350-500	15-42 mm	B-s2,d0
ThermoWood® Radiata Pine	400-500	15-42 mm	B-s1,d0

With a ventilated or non-ventilated air gap between product and substrate or with no air gap

There are more types of timber available and we are constantly increasing our certifications. Contact us for more information.

HARD WOOD

According to classification: EN 13501-1:2018 and EN 13501-1:2020
According to test: EN 13823 (SBI) and EN 14135:2004

Types	Density	Min. thickness	Reaction to fire class
Oak	500-750	20 mm	B-s1,d0
Sapele	325-690	15 mm	B-s1,d0

With a ventilated or non-ventilated air gap between product and substrate or with no air gap

MODIFIED WOOD

According to classification: EN 13501-1:2018 and EN 13501-1:2020
According to test: EN 13823 (SBI)

Types	Density	Thickness	Reaction to fire class
Accoya	400-600	19 mm	B-s1,d0

With a ventilated or non-ventilated air gap between product and substrate or with no air gap

PANELS

According to classification: EN 13501-1:2018 and EN 13501-1:2020
According to test: EN 13823 (SBI) and EN 14135:2004

Types	Density	Min. thickness	Reaction to fire class 1	Resistance to fire class 2
Birch Plywood	650-750	12 mm	B-s1,d0	K1, K2, 10/B-s1,d0
Pine Plywood	450-600	12 mm	B-s1,d0	K1, K2, 10/B-s1,d0
LVL	550-600	27 mm	B-s1,d0	

With a ventilated or non-ventilated air gap between product and substrate or with no air gap

REACTION TO FIRE CLASSIFICATION SP FIRE 105

The facade cladding described above has been fire tested in accordance with SP Fire 105, issue 5, dated1994-09 and is assessed to satisfy the requirement for external walls in buildings of class Br1.

Types	Density	Min. thickness	Resistance to fire class 2
Spruce	350-500	21 mm	SP 105

INDICATION TEST ACCORDING TO EN 13823 (SBI)

Test indicates classification B-s1,d0 according to EN 13501-1

Types	Density	Min. thickness	Reaction to fire classification
Bamboo	600-700	26 mm	B-s1,d0
Poplar Plywood	530-580	45 mm	B-s1,d0

EN 45545-2:2013 FIRE BEHAVIOUR OF MATERIALS AND COMPONENTS OF RAIL VEHICLES

Types	Density	Min. thickness	Reaction to fire classification
Birch Plywood	700-750	12 mm	R10; HL1/HL2/HL3 (floor coverings)
Birch Plywood	700-750	12 mm	R1; HL1/HL2 (walls)
Birch Plywood	700-750	12 mm	R7; HL1/HL2 (exterior walls)

CERTIFIED FINISHES

On request, the wood can be coated for facade cladding or pre-aged. Tests conducted by an independent institute have shown that softwood and ThermoWood®, impregnated with Burnblock® and industrially painted or coated, comply with fire reaction class B-s2,d0 as a minimum.

WOOD + BURNBLOCK® + COLOR-COATING = MIN. B-s2,d0

PRE-AGING AND COLOR COATING WITH SHERWIN WILLIAMS

Sherwin Williams SC1420 + EG1570 for wood treated with Burnblock®, certified B-s2,d0

Types	Min. thickness	Reaction to fire classification
Solid wood	19 mm	B-s2,d0
ThermoWood®	19 mm	B-s2,d0

© photo: Burnblock®

COLORCOATING WITH REMMERS

Type of wood	Min. thickness	Reaction to fire class
Solid wood	19 mm	B-s2,d0
ThermoWood®	19 mm	B-s2,d0

Remmers Induline DW-618 and LW-718 on Burnblock® B-s2,d0 certified wood. Remmers owns this documentation. Please contact Remmers to be advised on an industrial partner, who has this solution CE certified.
https://en.remmers.com/en_IN

FINISH - VARNISH FOR INTERIOR APPLICATIONS ON TIMBER AND TIMBER PRODUCTS

Types	Min. thickness	Reaction to fire classification
Pine Plywood	12 mm	B-s2,d0

Burnblock® varnish is a finish for materials that have been treated with Burnblock®. The fully certified treatment is only possible by combining LW-121/45/BB varnish with Burnblock®-treated timber (not-contributing to the spread of fire).

CERTIFICATION & TEST

Independent 3rd party institutes

BRE UK
Building science centre

DBI
Fire and security

MEKA
Fire Safety

TEKNOLOGISK INSTITUTE
Danish Research Institute

RISE
The Swedish Research Institute

MPA Eberswalde
Materialprüfanstalt Brandenburg

AIDIMME
Instituto Tecnológico

WARRINGTONFIRE
Inspection & Certification

EUROFINS
Testing service

BANGO UNIVERSITY

LJUBLJANA UNIVERSTIY

WFR-Ghent

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CE CERTIFICATION

Lemahieu Group became the first company in Belgium to be CE-certified for fire-retardant treatment of facade and wall cladding in solid wood.

A **CE-mark is required** in order to market fire-retardant wood. In accordance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the building product: Wall and facade cladding made of solid wood treated with fire retarda nt. The certificate covers the procedure for treating, checking, and marking wall and facade cladding with fire-retardant properties as described in standard EN 14915:2013 under system 1.

It confirms that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard EN 14915:2013 under system 1 for the performance set out in the certificate are applied. The production control performed by the manufacturer was assessed by an official and autonomous control institute in order to guarantee the constancy of performance of the building product.

CE

- At least twice a year, an audit of the procedure is carried out by an official control institute (WOOD.BE)
- Classifications on the basis of the new standard EN 13501-1:2018
- For all tests, the sampling of the material must be carried out by a notified body*.
  In the past, the producer could submit the samples and the accompanying data to an authorised testing lab itself, without any control. Now this is the responsibility of a notified body*

  ** notified body is an organisation designated by an EU country to assess the conformity of certain products*

HYSTER

MAINTENANCE

MAINTAINING THE REACTION TO FIRE CLASS AFTER INSTALLATION

To ensure the fire reaction class is maintained after wood weathering in exterior applications, no protective coating needs to be applied. Combined with the ecological fire retardant Burnblock®, this guarantees that your project complies with all relevant standards.

The fire retardant treatment of Lemahieu Fire Protection®:

Maintaining the fire reaction class after weathering.

Burnblock® is:

- 100% natural
- 100% biodegradable
- Cradle-to-Cradle Gold™ certified

Durability according to BS EN 16755: 2017

The durability of the fire reaction class over time has been demonstrated through testing. These tests consist of a hygroscopic test and an accelerated ageing test (EN927-6) that uses UV and water (the equivalent of more than 120 years of rain in Belgium).

The tests were carried out, and the material retained a reaction to fire class B, in accordance with the test method ISO 5560-1: 2015.

More info on our website: www.lemahieu.be

Project: Nursing home, Couillet. Facade cladding in planed LDCwood® ThermoWood® Pine treated with fire retardant by *Lemahieu Fire Protection® with Burnblock®* up to the requested teaction to fire class.

Reaction to fire classification B remains

The following applies to the durability of timber products treated with Burnblock® fire retardant using a vacuum/pressure:

The effect of the fire retardant characteristics decreases at a speed equal the degradation or ageing of the timber itself.

This means that the effective level of fire retardant per unit of timber remains unchanged, thus allowing Burnblock® to retain the reaction to fire classification B.

BURNBLOCK®

BURNBLOCK®

Unlike many other products on the market, this fire retardant consists of 100% natural ingredients, is 100% biodegradable, and pH-neutral. Moreover, the product also has **Gold-level Cradle-to-Cradle Certification™**.

Burnblock® has been patented worldwide and was extensively tested and certified by various independent European institutions. Wood given a fire-retardant treatment with Burnblock® is a highly reliable, safe, and biodegradable product.

Burnblock® is a 100% natural fire retardant and has been certified to the highest European standards.

BURNBLOCK®
NATURAL & NON-TOXIC FIRE RETARDANT

- 100% biodegradable
- 100% natural ingredients
- Cradle-to-Cradle Gold ™ Certification
- Extremely low VOC content
- EPD certified
- Energy-efficient
- PH-neutral – no corrosion
- None of the ingredients used is on the EU REACH list
- All the ingredients used in Burnblock® can also be found in our diets or bodies

Certificates available on our website: www.lemahieugroup.be

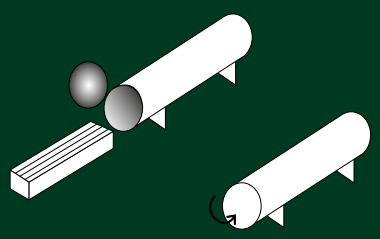
Project: The Zenne, Brussels. Facade cladding in Accoya, treated with fire retardant by *Lemahieu Fire Protection® with Burnblock®* up to the requested reaction to fire class.

BUR

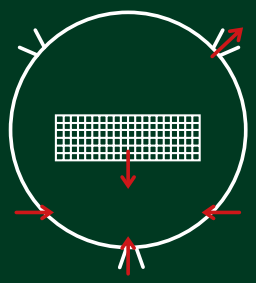
THE TREATMENT

THE TREATMENT

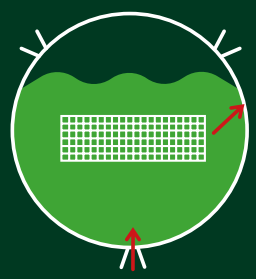
With Lemahieu Fire Protection®, we can give timber products a fire retardant treatment with Burnblock® in our autoclave under pressure.



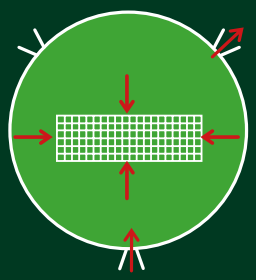
The timber/panels are placed in the autoclave.



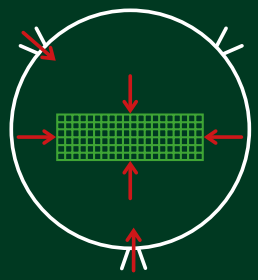
The timber/panels are submitted to a prevacuum, which opens its cells.



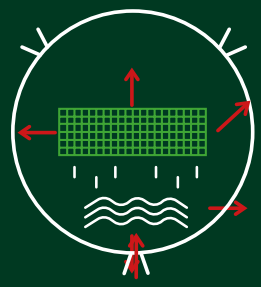
The autoclave is filled with the fire retardant liquid, Burnblock®.



The timber/panels are impregnated with Burnblock® under very high pressure.



Burnblock® is now present in the timber/panels.



The timber/panels are submitted to a postvacuum, removing excessive moisture.

The timber/panels are dried to the desired moisture content. Once the process is completed, we obtain a product of the highest quality that can be applied both indoors and outdoors.

PRACTICAL INFO

- Essential minimum volume of 1.4 m^3
- Battening is essential:
  - profile thickness up to 28 mm = per 2 profiles (no marking on the visible side)
  - profile thickness from 28 mm = per unit (marking possible on the visible side)
- Timber treated with Burnblock® undergoes little to no change of colour and structure. Take note for oak: significant colour changes may occur here.
- During the drying process, a visible white film may form on the surface of the timber. This is a logical result of the drying process. The white film can be removed with a brush, cloth or water.
- Timber treated with fire retardant can be used indoors as well as outdoors
- No maintenance required
- Delivery period: 4 - 8 weeks

PROJECTS

Campus De Mutsaard

Wood type: LDCwood® ThermoWood® Pine

Application: Facade

Location: Laken

Treatment: Treated with fire-retardant

Architects: Low architecten

Year: 2023

De Hessel

Wood type: LDCwood® ThermoWood® Ayous

Application: Facade

Location: Herselt

Treatment: Treated with fire-retardant

Architects: Architectenbureau Atrium

Year: 2023

School The Zenne

Wood type: Accoya

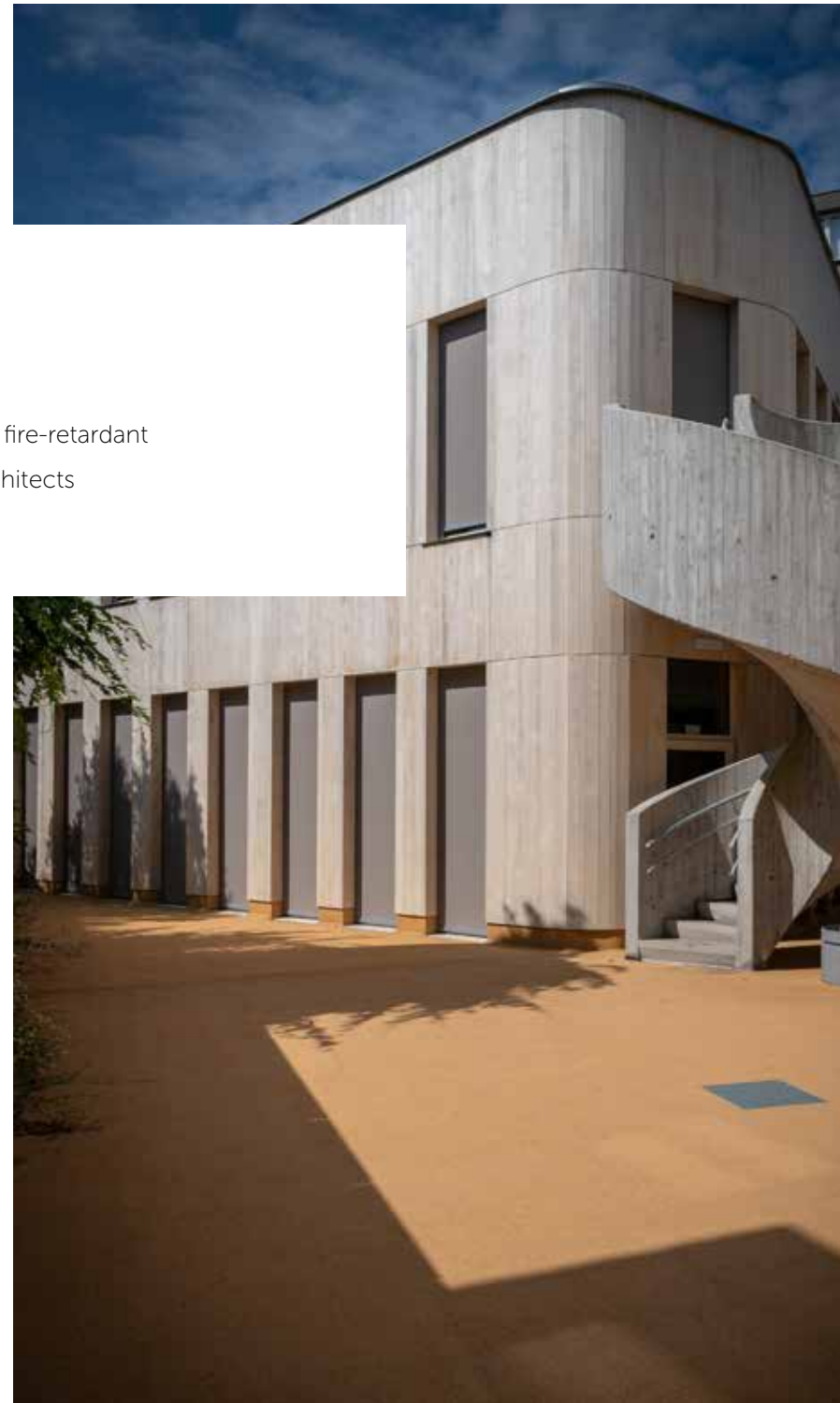
Application: Facade

Location: Brussels

Treatment: Treated with fire-retardant

Architects: BOB 361 Architects

Year: 2023



Upkot Ganda

Wood type: Ceder

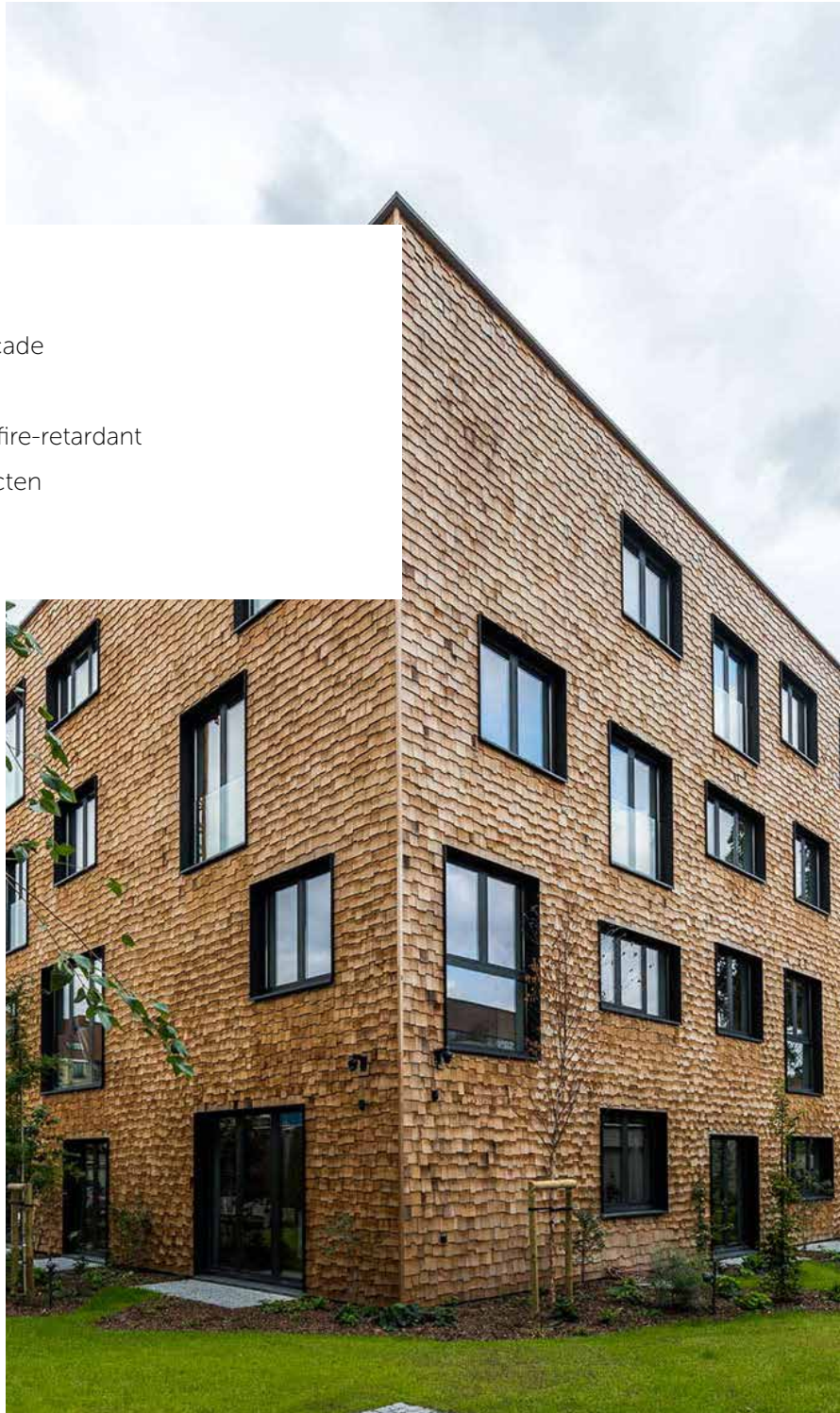
Application: Indoor - Facade

Location: Ghent

Treatment: Treated with fire-retardant

Architects: A154 Architecten

Year: 2019



Residential tower BAN

Wood type: LDCwood® ThermoWood® Pine

Application: Facade

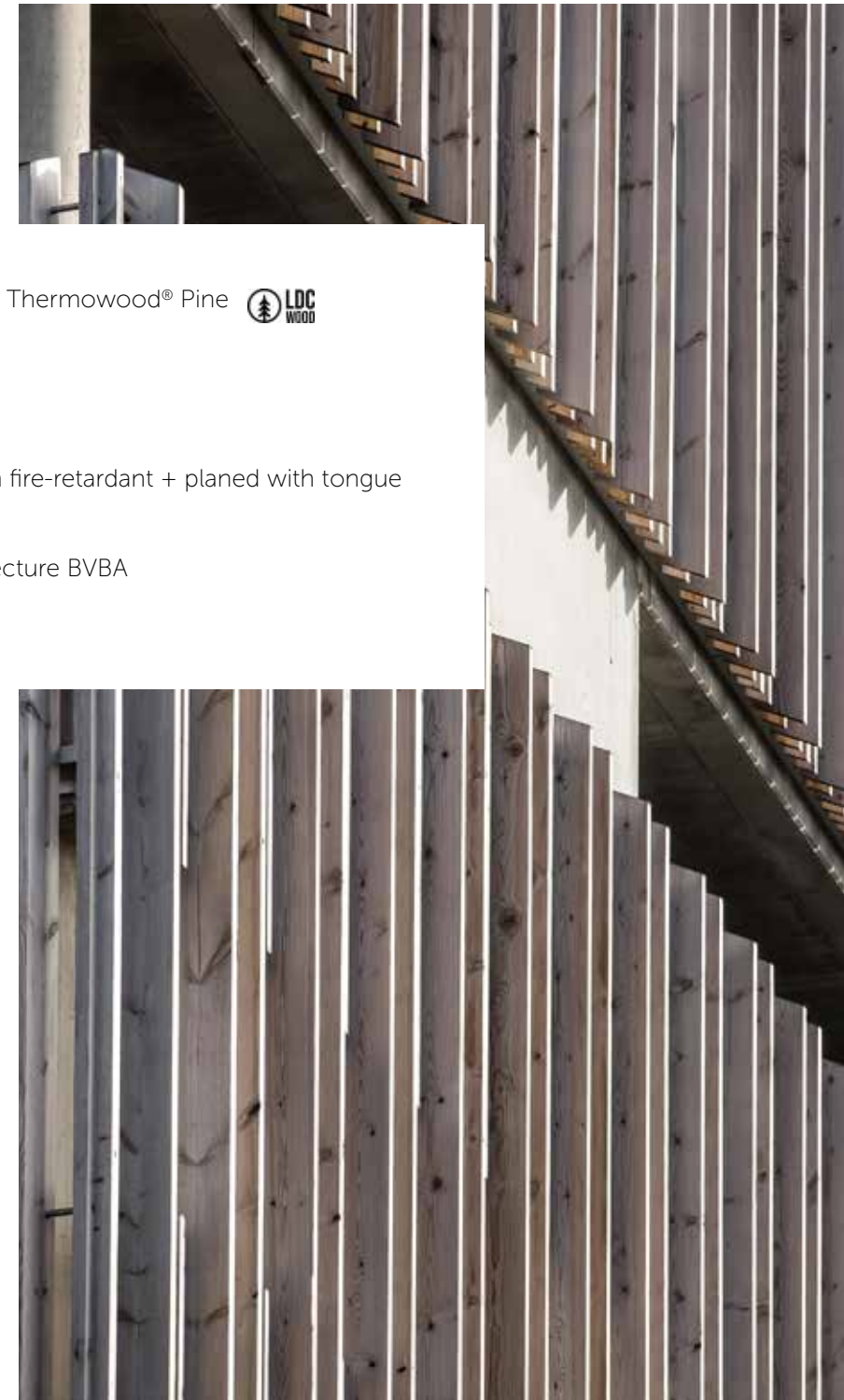
Location: Antwerp

Treatment: Treated with fire-retardant

Architect: Shigeru Ban

Year: 2026

Commuter car park Aalst



Wood type: LDCwood® Thermowood® Pine

Application: Facade

Location: Aalst

Year: 2019

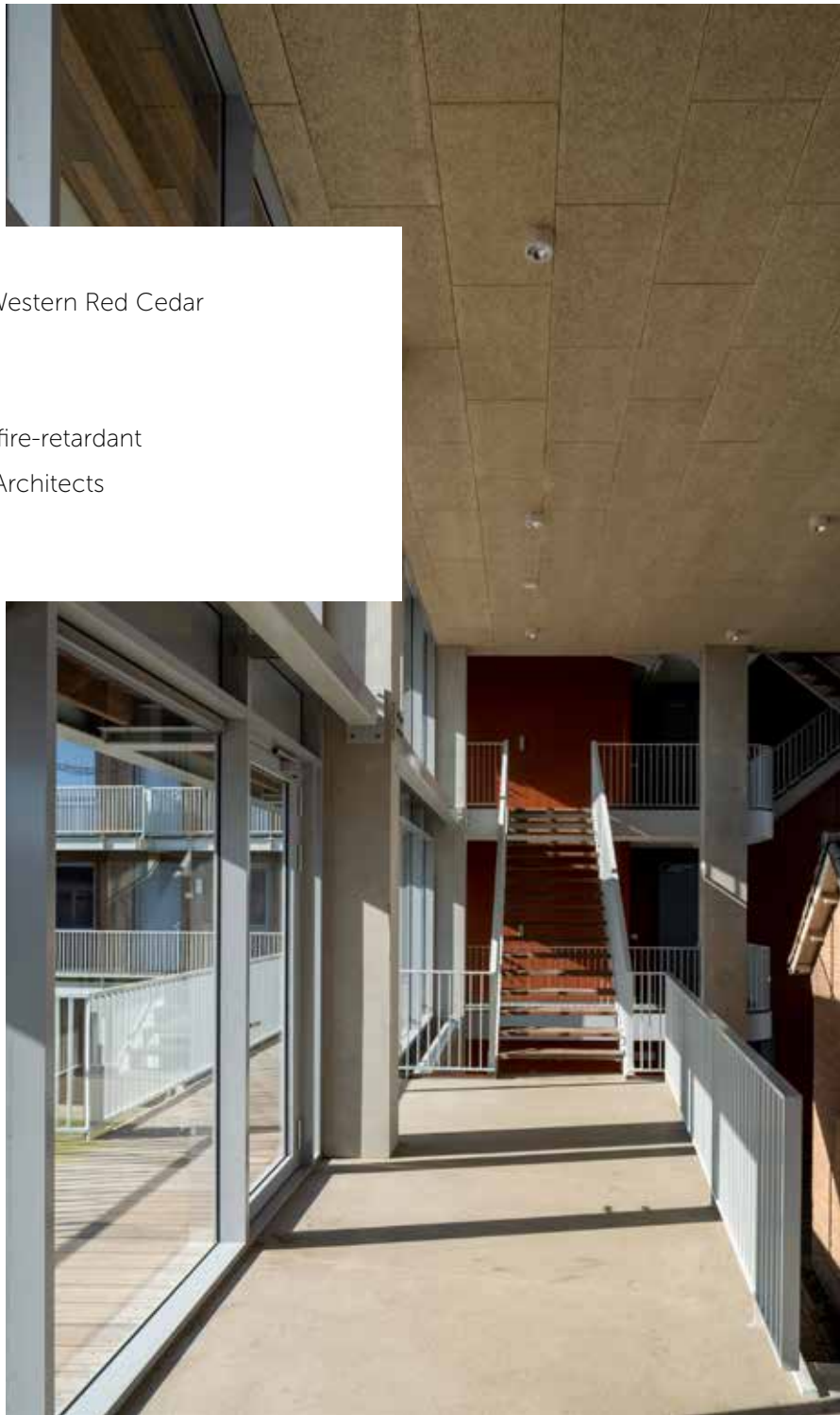
Treatment: Treated with fire-retardant + planed with tongue and groove

Architects: HUB Architecture BVBA

END-use test battens

27

Apartment Alkmaar



Wood type: Reclaimed Western Red Cedar

Application: Facade

Location: Alkmaar

Treatment: Treated with fire-retardant

Architects: Kraaijvanger Architects

Year: 2023

LATITUDE
50

ECOLE CIRQUE
MARCHIN

Circus school L'attitude

Wood type: Pine

Application: Roof

Location: Marchin

Treatment: Treated with fire-retardant + brown impregnated

Year: 2021

END-use test customer

WOOD
HUB

Wood Hub

Wood type: LDCwood® ThermoWood® Pine

Application: Facade

Location: Brussels

Treatment: Treated with fire-retardant

Year: 2023

OC Ter Willer

Wood type: LDCwood® ThermoWood® Ayous

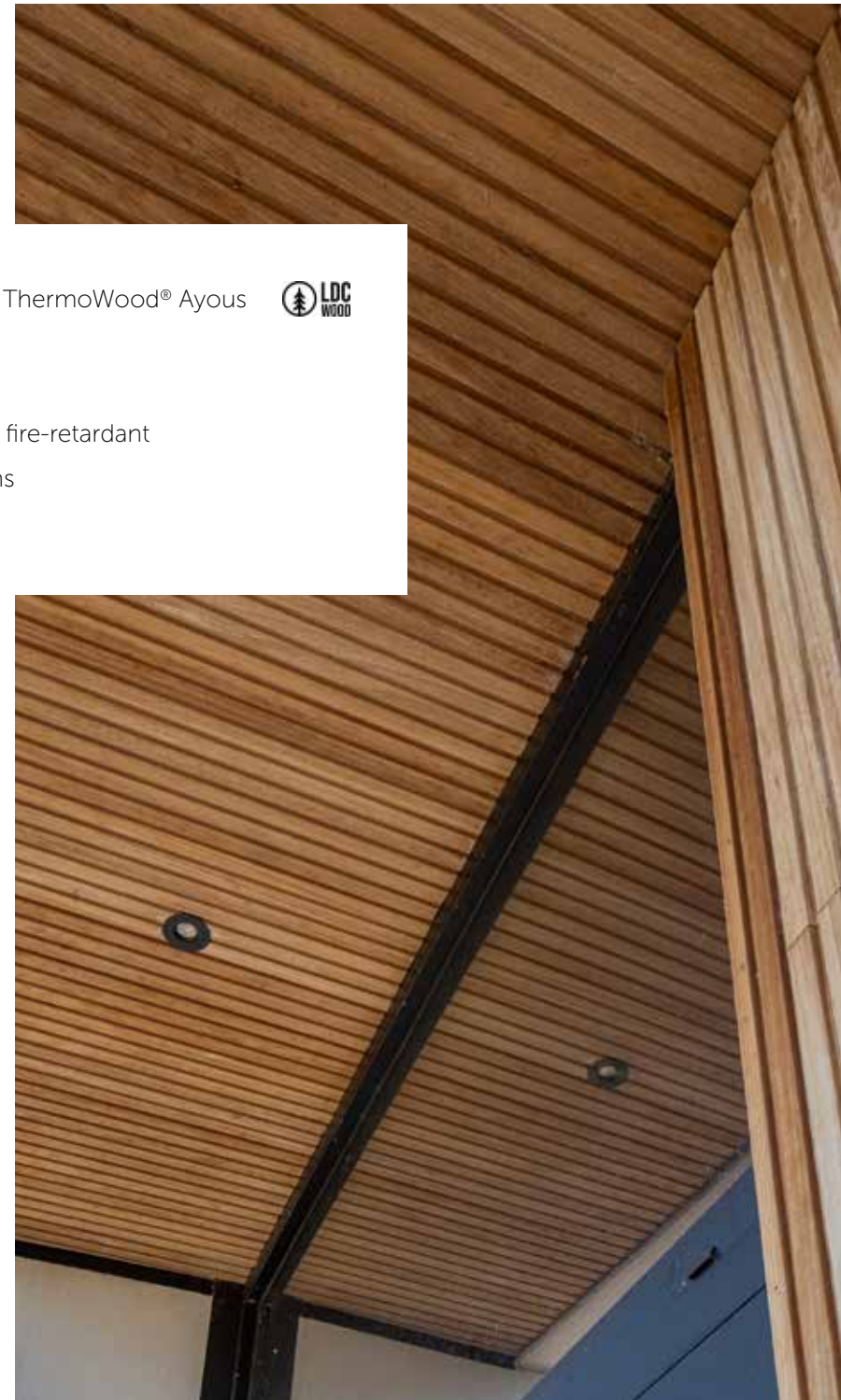
Application: Facade

Location: Bilzen

Treatment: Treated with fire-retardant

Architect: Bijnens-kellens

Year: 2022



GANTOISE

Degroof
Petercam

Sports center Gantoise

Wood type: LDCwood® ThermoWood® Pine

Application: Facade

Location: Ghent

Treatment: Treated with fire-retardant

Architect: Servaas Vertongen

Year: 2021

LEMAHIEU GROUP

Lemahieu Group has been an established name in the import of timber and panel products for decades. Since our foundation in 1932, we have been focussing on expanding our stock of timber and panel products and creating added value from timber.

LEMAHIEU TIMBER

LEMPAN PANELS

LDC WOOD THERMOWOOD®

JENO WOOD Passion for wood

We believe in the future of timber and panels as sustainable (building) materials and want to expand their applications through environmentally sustainable solutions.

We believe that our strengths lie in the cooperation between the various divisions and our employees' specialised knowledge.

Our divisions share a passion for timber.
Through preservation of timber, fire retardant treatments, responsible procurement management, and customized solutions, we collectively expand the applications of wood and panels.

We want to be a loyal partner for the timber trade and the specialised timber-processing industry at home and abroad. Therefore, we aim to provide excellent levels of customer service and satisfaction by supplying quality timber and panel products and to maintain and develop strong relationships with our stakeholders.

SUSTAINABLE FUTURE

Sustainability is at the heart of every process, division, and product of Lemahieu Group. With investments in cutting-edge, environmentally friendly technologies and product innovations, we maximise the sustainability of our favourite raw material: wood. Sustainability permeates everything we do, from procurement to production, from investment to human resources.

OUR ACTION POINTS

Storage of up to 1.5 million litres of rainwater used in our production processes.

A wind turbine on our site in Ghent provides green electricity to the Ghent branch.

An inclusive work organisation where all employees are respected and treated equally.

Our solar panels allow us to run our machinery on locally produced green electricity.

We aim to import 100% of our wood from sustainably managed forests by 2027.

Our transition to an electric and hybrid fleet.

CONTACT

Quality and tailored advice

Our wide-ranging knowledge, innovative techniques, and sustainable materials cohere to guarantee ecologically sound applications for indoors and outdoors.

We can guarantee the highest quality and tailored advice based on our know-how and product knowledge. We create tailored solutions for the specialised timber trade with precision and passion.

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.

Geoffrey Moerman
Technical Sales Advisor Lemahieu Fire Protection®

g.moerman@lemahieu.be | bb@lemahieu.be
+32 471 98 22 79
www.lemahieufireprotection.be

LEMAHIEU GROUP

Zuiddokweg 44
9000 Ghent
Belgium
+32 (0)9 255 58 88

gent@lemahieu.be
gent@lempan.be

LEMAHIEU GROUP

Vergunningenstraat 6
8400 Ostend
Belgium
+32 (0)59 33 99 99

oostende@lemahieu.be
protectedbynature@ldcwood.com

JENOWOOD

Driebanweg 14
1607 ML Hem
Netherlands
+31 (0)228 72 26 61

info@jenowood.nl
www.jenowood.nl

www.lemahieugroup.be

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Version 2, 2026