



UNILIN, division panels

Innovative wood based solutions
for construction and interior.
Let us work on your project with you.



About US

Made of the right stuff

Passionate about wood. Committed to service. Whether it's chipboard, MDF, HDF or melamine faced boards, UNILIN, division panels has been a byword for unparalleled quality, flexibility and custom solutions since 1960.

Since our foundation, we have grown into an international industry player. Our many years of experience enable us to provide excellent services to many different sectors within the construction industry and interior design services.

We have full control over the production process, which allows us to craft the ideal end-to-end solution for you. Our dedication to quality, design and technology is tied into our commitment to safety and ecology.

UNILIN Group: clever wood based concepts

UNILIN, division panels is part of the UNILIN group, to which the flooring division (best known for the Quick-Step brand of flooring) and the insulation division also belong. The vast majority of the group's products are made from wood and rest on clever, well designed concepts. www.unilin.com

UNILIN is a subsidiary of the exchange listed company MOHAWK Industries Inc., the largest floor covering group in the world. www.mohawkind.com

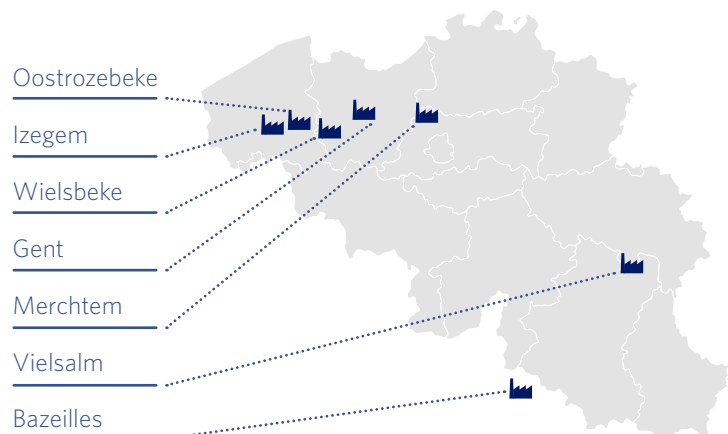
± 2.1 MILLION M³
VOLUME

1,300
EMPLOYEES

"UNILIN, division panels manufactures products that are rarely produced anywhere else in the world, such as fire retardant boards and innovative click applications."

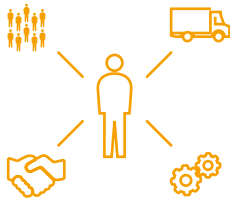
Where can you find us?

We operate a well-developed network of production facilities in Belgium and France that serve the world market. We are headquartered in Oostrozebeke, Belgium. Many of our sites also manufacture and finish MDF panels and chipboard to which we can apply a painted, melamine or sanded face, and a tongue and groove system. We can also cut panels to size.





Why should you choose **UNILIN, division panels?**



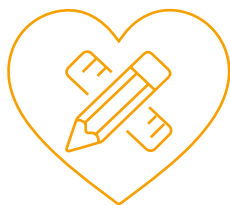
Total solutions in products and services

We provide innovative solutions for the building sector, interior design applications, the packaging industry and more, ranging from raw to finished boards. Even more, our broad product offering comes hand in hand with flexible services. For example, we combine all product ranges of different sizes into a single order, wherever and whenever you need them. In short: we deliver complete solutions that are custom-tailored to your projects, distribution channels and/or end customers.



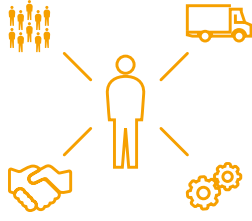
A stable reliable partner

Our company is dedicated to sustainability. We keep our environmental impact to a minimum by using recycled raw materials, striving to produce 100% CO₂-neutral boards by 2050 and by processing our waste streams at our on-site power stations. But we are also sustainable in that we continually invest in our production processes and product mix. These traits make UNILIN, division panels a reliable partner with solid financial muscle.



Deep passion for design

UNILIN, division panels isn't just synonymous with top quality, but also with authentic design. Take our Evola collection, for example: each design is an eye-catcher thanks to incredibly realistic surface textures.



How can we help?

You can count on us when it comes to superior building and interior design solutions - regardless of whether you're a timber- or building materials merchant, an industrial processor or a DIY chain.

"More than just products, we offer you a total service. This is evident, for example in a team of specifiers who promote UNILIN products and in custom training sessions for sales staff."



Wide product range

UNILIN, division panels gives you the comfort of a single point of contact for both chipboard and medium density fibreboard (MDF). You can combine different products into one order and schedule the shipment to suit your needs.

"Do you have specific requirements for incorporating your boards into your production process? We can collaborate to come up with a tailored solution"

A financially sound partner

Thanks to our financial stability, we can forge long-term partnerships and collaborations and continually invest and innovate. As a result, we can work with you to find ideal solutions that you - and your customers - can build upon.

"From concept to implementation: we think along with you, the client, to make your construction project a success."

Melamine faced chipboards (1.25m wide)

In addition to our wide range of products, we're the only ones in the market with the capability of coating 1.25m-wide boards with melamine. The result? Less material wastage and lower costs.

Marketing support

Our team of professionals is constantly on the lookout for new projects to ensure that our products are included in the tender specifications. We also make sure to promote our products to (interior) designers, engineers, processors and building owners. Are you organising a local event yourself? Are you attending a trade fair? If so, please contact us: we'd be glad to discuss how we can help you.

Tailor-made packaging and highly flexible, logistical solutions

Does your organisation need custom labels or packaging solutions? We can provide it, also in the DIY market. Top quality and flexibility always go together at UNILIN.

Is demand rising for certain kinds of interior decoration? As a supplier, we offer flexible, logistical solutions, from delivery to your central depot, over cross-docking through to the direct provisioning of your branches. Orders too can be easily automated via EDI. We're prepared to discuss anything.

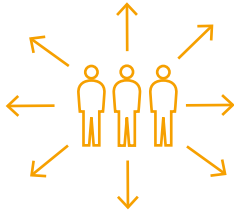
"Our DIY team keeps its finger on the pulse of the latest trends, both at home and abroad. In this way, you stay one step ahead of the competition."



Advice and custom training courses

Do you have any questions about products, placement, applications, calculations or standards? Our team of advisors is at your disposal. By arrangement we can organise information and training sessions on collections, trends and technologies. This helps keep you up to date on the latest product and market developments.





In **wich** markets are we active?

**UNILIN, division panels, offers solutions for
different markets:**

- Construction
- Packaging
- Interiors



Construction

As a construction specialist, you can choose from a range of technical panels, wood fibre insulation and structural beams for roofs, walls, mezzanine floors, blind floors and concrete formwork. Each product is the result of years of experience in the construction industry.



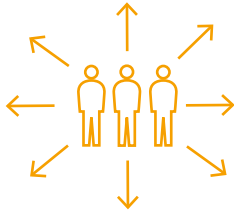
Packaging

Choose from a range of solid, durable panels that can be used as a base, insertion or covering sheets when stacking goods on pallets. Looking for panels for packing crates? You've come to the right place.



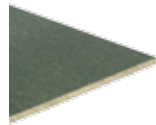
Interiors

Our finished and semi-finished panels can be easily made into doors, decorative walls, dividers, cabinets, tables and worktops. You can combine the designs, colours and finishes in our collections to your heart's content. Or, choose a ready-to-paint panel. This guarantees a unique effect.



What products do we offer?

At UNILIN, division panels you will find a wide range of products made from MDF, chipboard, melamine faced and painted boards. You can combine them to your heart's content, and so offer excellent service for your customers on the basis of product variety. Below, just a few of the options open to you.



1 / Raw or bare chipboard

Our chipboard is suitable for walls, floors, roofs and concrete formwork. It can also be used for mezzanine flooring (warehousing) or storage racks. We use specific treatments to give the boards extra properties, from additional moisture resistance to fire retardant and low formaldehyde emissions. We can also make boards with tongue and groove connection systems for ease of fitting.



2 / HPL and melamine faced boards

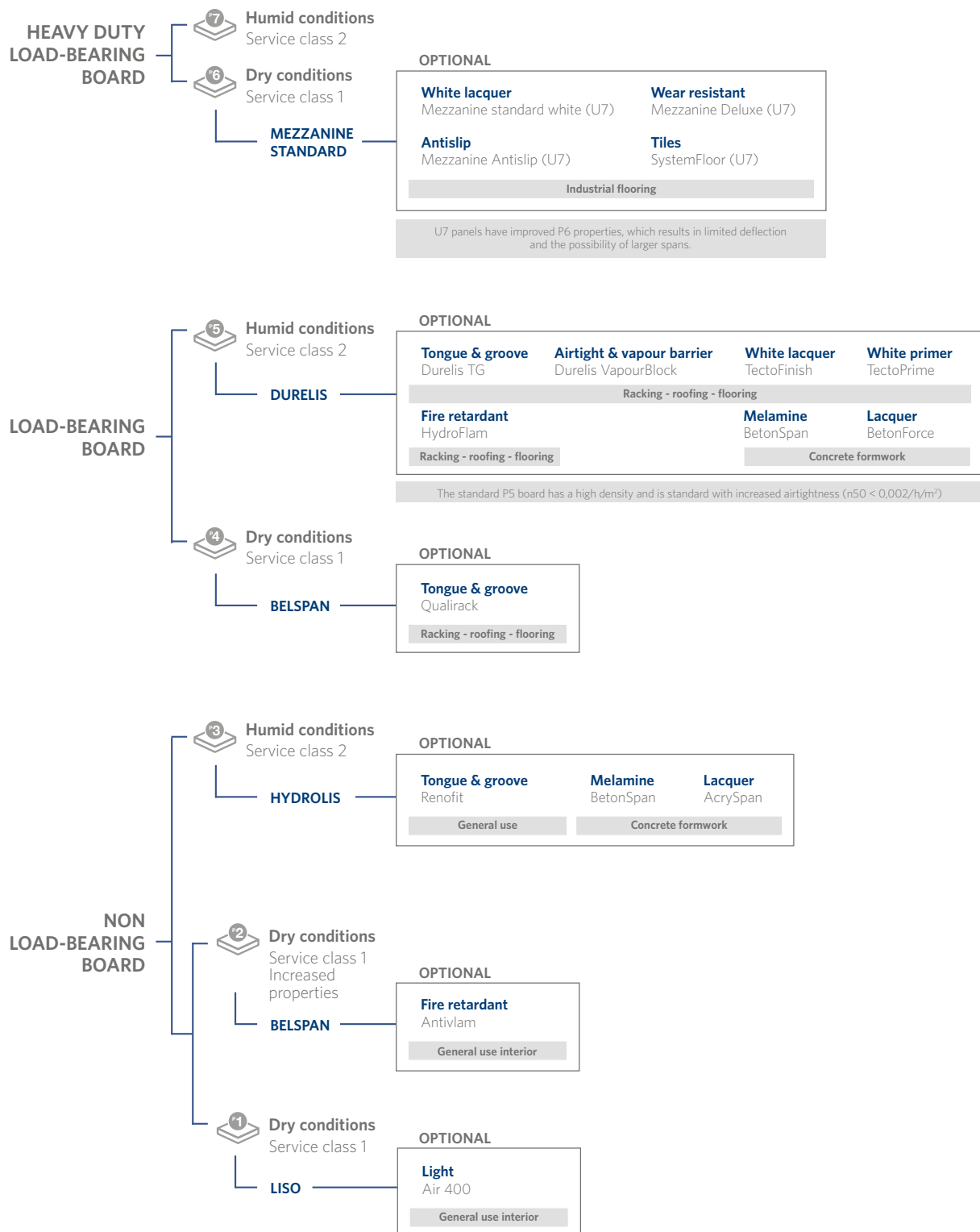
Likewise, for High Pressure Laminate (HPL) and melamine faced chipboard, we have the solution for your project. HPL is ideal for horizontal and vertical interior applications in areas with high wear and tear, high impact or in humid environments. Melamine faced chipboards can be used in furniture and vertical applications. Choose from hundreds of different decors in combination with different surface textures - we have stylish, flexible solutions to suit every taste and application.



3 / MDF for every purpose (see p. 12)

Choose the right chipboard

UNILIN, division panels offers more than 70 product categories. Often they are part of broader solutions or total placement and processing systems. This broad applicability implies a variety of product specifications.



Discover our full product range at www.unilinpanels.com and www.spanolux.com.



3 / Multi-purpose MDF

UNILIN, division panel's top-quality MDF boards are easy to machine, thanks to their homogeneous core. They also come in all shapes and sizes and with a broad spectrum of properties ranging from moisture resistance to ready-made finishing.

You can find a large assortment of interior design solutions in our wide range of standard UNILIN MDF boards.

Looking for an MDF board for a special application? You're sure to find what you're looking for in our high-quality Spanolux MDF range. These advanced products stand out from the competition on account of their durability, lightness and impressive mechanical and fire retardant properties. Even more, they comply with numerous specialised certificates, which speaks volumes about their versatility.



Choose the right MDF board

		EN 622-5	SPANOLUX	UNILIN
LOAD-BEARING BOARD	Humid conditions			
	Non fire retardant	MDF.HLS	UMIDAX UMIDAX NOIR UMIDAX RHINO	
	Dry conditions			
	Non fire retardant	MDF.LA	S-LUX S-LUX PLUS S-LUX PURE	
	Fire retardant	FR.MDF.LA	FIRAX FIRAX NOIR	
NON LOAD-BEARING BOARD	Humid conditions			
	Non fire retardant	MDF.H		HYDROMAX
		L.MDF.H	UMIDAX L	HYDROMAX AIR
		MDF.RWH		FIBERTECH RWH
	Fire retardant	FR.MDF.H	FIRAX HYDRO PURE	
	Dry conditions			
	Non fire retardant	MDF	S-PRO S-PRO P	FIBROMAX
		L.MDF	FIBRABEL	FIBROMAX AIR FIBROMAX PANEELWARE
		UL2.MDF	FIBRABEL L	
		N.A.	FIBRABEL XL FIBRABEL XXL	
Fire retardant	L.MDF.FR	FIRAX L		



Innovations you can build on

Innovation is in our DNA. It allows us not only to offer a wide range of products, but to offer products with specific properties. This gives you a readymade solution to all kinds of challenges.

Unique properties

Realistic design

We are also innovators in the area of design. The panels we design for furniture production and interior finishing are always uniquely decorated. Special techniques ensure a perfect match between surface structure and visual pattern.

Fire retardant

Our fire retardant boards help prevent the spread of fire, flashover and smoke emission. They have been extensively tested in a number of countries and satisfy all local procedures and regulations.

Sustainable

Sustainability is a requirement in every aspect of our organisation, not least our products. We hold a host of certificates that evidence our dedication to sustainability, including:

- E1
- CARB II
- IOS MAT 010, IOS MAT 0087 en IOS MAT 003
- FSC, PEFC for sustainable forestry

Top innovations



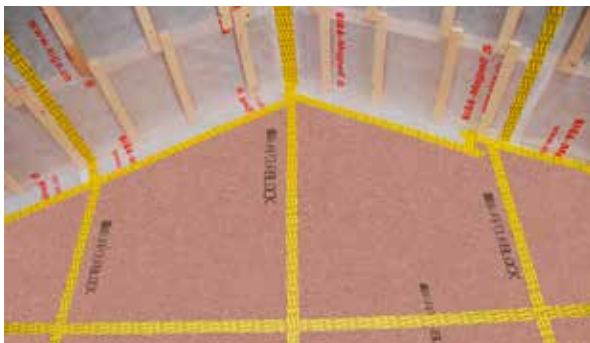
Evola

The realistic, embossed structures and varying degrees of gloss of our Evola products yield extremely realistic designs. Available in melamine, HPL and matching edging banding.



ClicWall

A revolution in MDF wall cladding. ClicWall panels click together easily thanks to our patented Unicli® technology. They can be fitted up to five times faster than traditional fitting systems.



HydroFlam VapourBlock

HydroFlam VapourBlock is a fire retardant, airtight, reinforced and moisture resistant construction board with integrated vapour barrier. Ideal for timber frame constructions, ZNE homes and passive homes.



Mezzanine

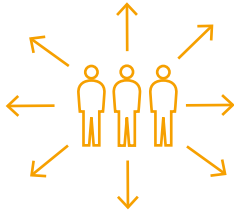
UNILIN, division panels has developed Mezzanine U7 especially for mezzanine floors: a P6 board with a dense core and strongly glued top layers which far exceed the standards for strength and stiffness. This allows you to span greater distances between joists and to save on materials.



Spanolux Firax®

Firax MDF is a certified fire retardant board that does not contribute to flame spread. Firax Wheelmark is also suitable for marine engineering purposes.





Others who chose UNILIN, division panels

Check out more references at www.unilinpanels.com

Hotel

For the refurbishment of its hotel rooms in Akersloot, the Van der Valk hotel chain opted for Evola. The authentic look and feel of the Heritage Oak Light decor bathes the hotel rooms in a warm, welcoming atmosphere. The ease of maintenance of these HPL panels makes them particularly suitable for furniture and door finishes.



Offices

ClicWall offered Rodanar Pallets an alternative to flexible internal walls and made it possible to design and implement a landscape office in a short space of time.

The uniform ClicWall walls give an air of welcome rest and a subtle, creative touch to the offices of the D'M&S communication bureau.



Retail

For its latest refurbishment, clothing boutique B-Wear in Zwevegem had no trouble choosing the versatility of Formica(R)-UNILIN. The walls, cabinets, tables and clothing racks took on a new contemporary, complementary style.



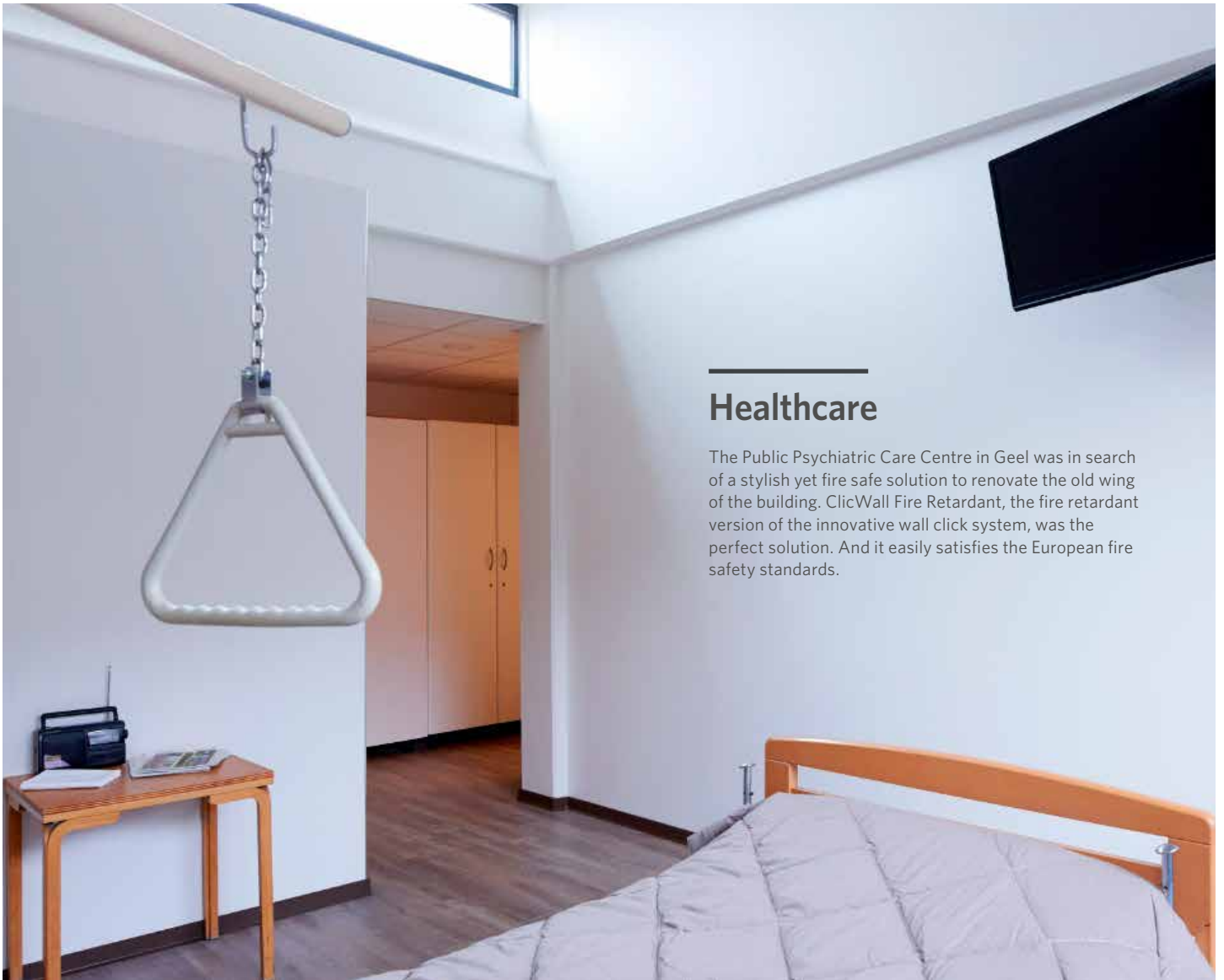
Energy efficient building

For the construction of 16 zero-net-energy homes, Immover decided to use a support structure of Durelis VapourBlock panels and fire retardant dividing walls made of HydroFlam VapourBlock. The integrated vapour barrier and very high airtightness make both products extremely well-suited to energy-efficient applications.

Education

For the shell of the technology tower in Zwijnaarde, the University of Ghent opted for a sustainable timber frame building with insulation BioSpan VapourBlock wall panels.





Healthcare

The Public Psychiatric Care Centre in Geel was in search of a stylish yet fire safe solution to renovate the old wing of the building. ClicWall Fire Retardant, the fire retardant version of the innovative wall click system, was the perfect solution. And it easily satisfies the European fire safety standards.



Prefab

The British Swift Group chose 18mm thick Durelis chipboards for the floors of its holiday homes. They feature the perfect mix of durability and beauty to complement interior design features and withstand changeable British weather.



Warehouse

Are you planning to build a new warehouse or extend the old one? Our high density U7 chipboard for mezzanine floors offers a solid, fire safe and cost efficient solution.



Our durability

How we keep our impact on the environment to the absolute minimum

Like every other company in the Mohawk group, UNILIN, division panels is big on sustainability. In this domain, innovation goes hand and hand with quality. To this end, we use recycled raw materials in our production processes wherever possible, we aim for 100% CO₂ neutral panels and we convert non-recyclable wood waste into energy in our biomass plants.

This is how we limit the environmental impact of our productions across the chain - from the purchase of raw materials to product end-of-life. We enable you to tackle your project while keeping ecology in heart and mind.

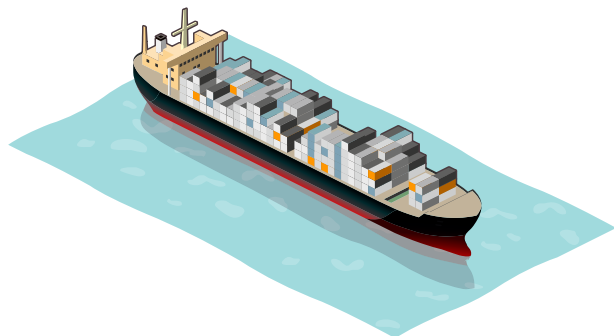
1. Urban wood

The vast majority of the raw materials we use are classed as 'urban wood'. This is recycled wood from pallets, packaging, old furniture and reclaimed lumber.

Every year, we process about 650,000 tonnes of recycled wood. Along with our partners and suppliers, we are acquiring expertise in methods of sorting usable wood from contaminated wood. As a result, our product quality is continuously rising, and a greater share of wasted wood will be given a second life.

2. Sustainable transport

Most of the recycled wood is from Flanders. Thanks to this local approach not only do we limit our transport, but we limit the environmental impact associated with it. To help reduce the load on the Flemish internal road network we import wood from abroad via inland waterways wherever possible. Our factory in Oostrozebeke has its own landing quay for this purpose.



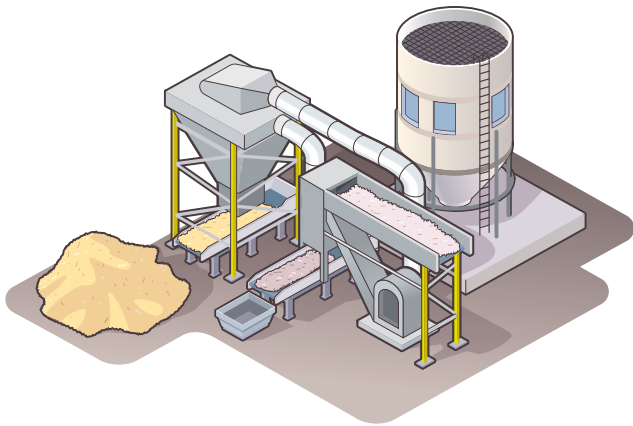
3. Hi-tech wood processing

Pre-cleaning

The reclaimed wood is run through the ultra-modern pre-cleaning installations at our production site. This machine cleans the impurities from the wood, such as sand, glass, metal, plastic, rubber. This is done by a combination of techniques, including magnets, air sifters and centrifuge sifters.

Sorting

The facilities for the separation of waste segregate the non-usable, woody materials from the rest. This waste fraction is then used for the on-site generation of power. Finally, other unusable materials are removed from the waste stream with great precision. This is done using state-of-the-art separation techniques.



Today we make our chipboard from 75% recycled wood.

4. Waste processing

UNILIN, division panels, has several power stations at its command. Contaminated wood waste is sent to our A&S power plant - a joint-venture with the power company, Aspiravi. Our production process uses the electricity that's generated there.

The A&S power plant produces enough green electricity to supply about 51,000 households.

Holding on to wood: closing the wood production loop

Today our chipboard is made from 75% recycled wood. We want to increase this figure to 100% in future. Specifically, we follow the principle that wood should be recycled wherever possible. Incineration is the final step, when all other material applications have been exhausted. This is how we limit CO₂ emissions and reduce the demand for felled trees.



To reach the pinnacle of 100% we will have to make the new panels entirely from the waste from old panels. We are on the right track: today more than a third of our recycled wood consists of recycled panels. We are convinced that we will be able to close the loop in the foreseeable future while manufacturing products of the highest quality at the same time.

What can we do for you?

Are you about to start a project of your own or ready to introduce your customers to the many benefits of UNILIN, division panels?

Be sure to visit our website at www.unilinpanels.com.

- There you will find our full range of products, as well as support information such as technical files and brochures.
- The site gives you all the latest news on our products and shows at a glance the main national and international trade fairs in which we take part.
- You can make an appointment for a showroom or factory visit to experience firsthand how we operate, as well as see and feel the panels for yourself.
- You can quickly order an A4 sample of your favourite product, to get to know our materials before reaching a decision.

Do you have any questions? Our team of experts is on hand to assist you.

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Order your sample

Would you like to get accustomed to our products first? Order one of our samples at www.unilinpanels.com.





UNILIN, division panels

UNILIN, division panels – part of the UNILIN group – has been supplying innovative wood based solutions for building and interior design projects since 1960. Our chipboard, medium density fibreboard (MDF), High-Density fibreboard (HDF), High Pressure Laminate (HPL) and melamine-faced chipboards find their way to merchants in building materials and timber, industrial processors and DIY-chains worldwide.

We develop solutions tailored to your specific needs with creativity and innovation as the key drivers of our business. We continuously invest in product design and new technologies. Hence, we're recognized as a leading international player and a reliable partner in in our niche sector.

Our 1,300 employees give their all, day after day, at our production units in Belgium and France. Altogether we produce 2.1 million m³ of panels per year.