



Architectural solutions in wood and aluminium

LAMELLA FACADE SYSTEMS FOR CAR PARKS

**NORD
PROF||SK**



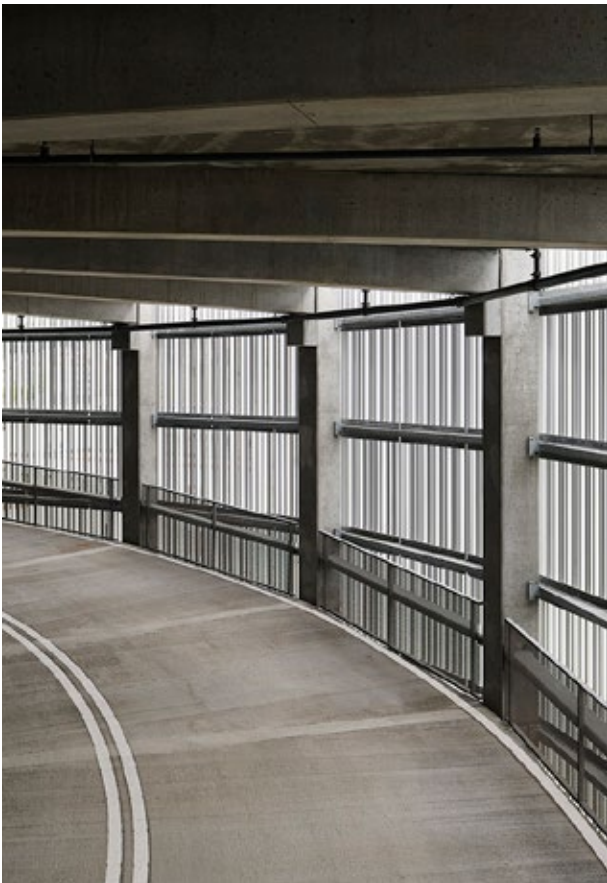
ELEGANT AND UNIQUE FACADE CLADDING

When Quality and Documentation Matter

At Nordisk Profil, we create facades that transform parking structures from standard buildings into architectural landmarks. With more than 30 years of experience, we deliver robust, long-lasting products with fully documented performance. Always adapted to regulations and to the customer’s needs.

We are specialists in facade solutions for car parks, where functionality, safety, durability, and architecture come together.

Each facade system is a unique, tailor-made solution that offers freedom of choice, without compromising on design or function, regardless of the size of the parking facility.



Nordisk Profil is your professional facade partner. From concept to completed facade. We provide guidance and advice on design, system solutions, and fire safety requirements, and we handle all necessary static calculations for the facade solution.

In addition, we offer project and mounting support, ensuring you achieve a sharp, seamless, and fully finished result.







CHOOSE WITH CONFIDENCE

Our Advice, Your Decision

Nordisk Profil gives you the freedom to set new standards and select a facade solution that blends seamlessly with its surroundings, offering a range of unique advantages, all guaranteed to deliver lasting quality:

- » Modular system design
- » Optional certified wooden lamellae
- » Fire safety approval in accordance with EN 13501-1
- » Profiles and lamellae made from 100% recycled aluminium
- » No visible screws or transitions
- » Built-in thermal movement
- » Fast and easy installation
- » Maintenance-free
- » Flexible selection of center-to-center spacing, lamella dimensions, and lengths



Freedom to Design





DOCUMENTED
RESPONSIBILITY

Building with Environmental Care

All aluminium used for our lamellae, profiles, and supporting structures is exclusively supplied in Greenline® aluminium.

Greenline aluminium is 100% collected and recycled, and compared to primary aluminium it has a documented lower CO2 footprint of only 1.8 CO2 eq./kg – compared to 11.1 for primary aluminium..

When choosing wooden lamellae, we guarantee timber from FSC® or PEFC™ certified forestry.

For every delivery, we provide a Greenline certificate along with EPDs that document the sustainability and responsibility of the material choice, whether you select wood or aluminium.



**Nordisk Profil is your professional
facade partner, from first idea to
a complete facade solution**





Royal Arena, Woodfac Click



FULL DOCUMENTATION

Your Guarantee

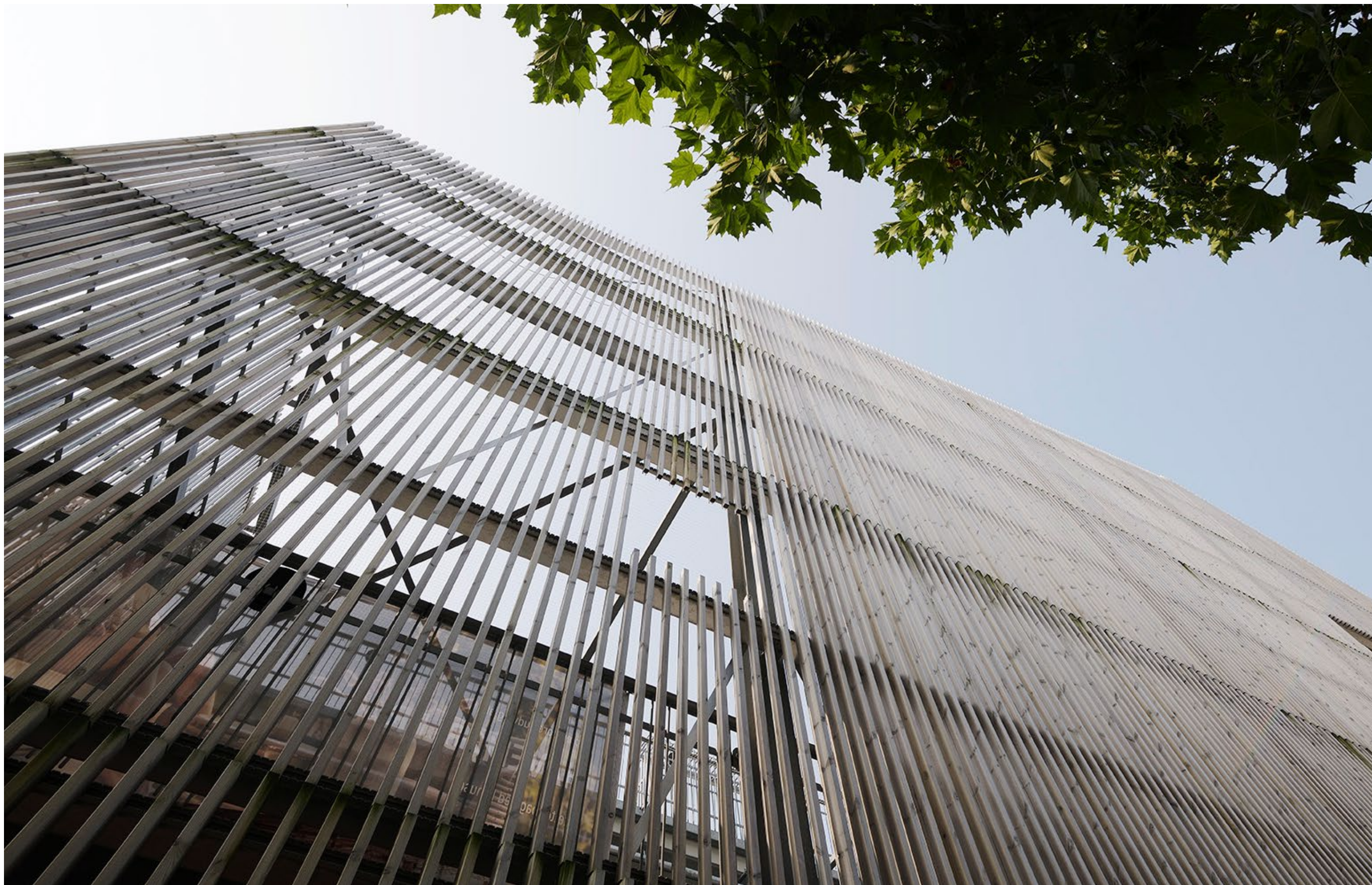
With more than 30 years of experience in the facade industry, Nordisk Profil sees it as a natural part of its role to stay ahead of developments. We are committed to documenting the performance of our materials and creating solutions that meet the increasingly strict requirements facing construction, both today and in the future.

Transparency about the properties of our materials has always been an integral part of Nordisk Profil's business. That is why we work exclusively with suppliers who share our high standards for quality and transparency in material selection. This is your guarantee of high-quality, reliable facade products.



**Documentation is not an option,
it is part of the solution**





FACADE OPTIONS FOR CAR PARKS

Open Facade Systems in Wood and Aluminium

The concept behind Nordisk Profil’s facade products is complete system solutions, ready for direct installation and designed with full consideration of the facade’s other elements and overall architecture. In this way, we deliver tailor-made solutions rather than facade cladding sold by the meter.

For car parks, the most commonly used is our open facade solutions with wooden or aluminium lamellae, or a combination of both. These systems are ideally suited for all types of parking structures, whether for the renovation of existing facilities or the construction of new ones.



WOODFAC CLICK

When Wood Should Impress

Woodfac Click is an elegant and versatile facade cladding system that accentuates the natural beauty of wood.

The system comes with certified wooden lamellae in a wood species of your choice. However, Nordisk Profil recommends five specific types of wood, selected for their durability, dimensional stability, and fire safety performance. Read more about this on page 32.

With Woodfac Click, you get a fire-approved facade in accordance with EN 13501-1. The wooden lamellae are impregnated with a Cradle-to-Cradle certified fire retardant, consisting of 100% natural substances. It is fully biodegradable, non-toxic, and free from VOC emissions.



NAPSU

For a Sharp Look

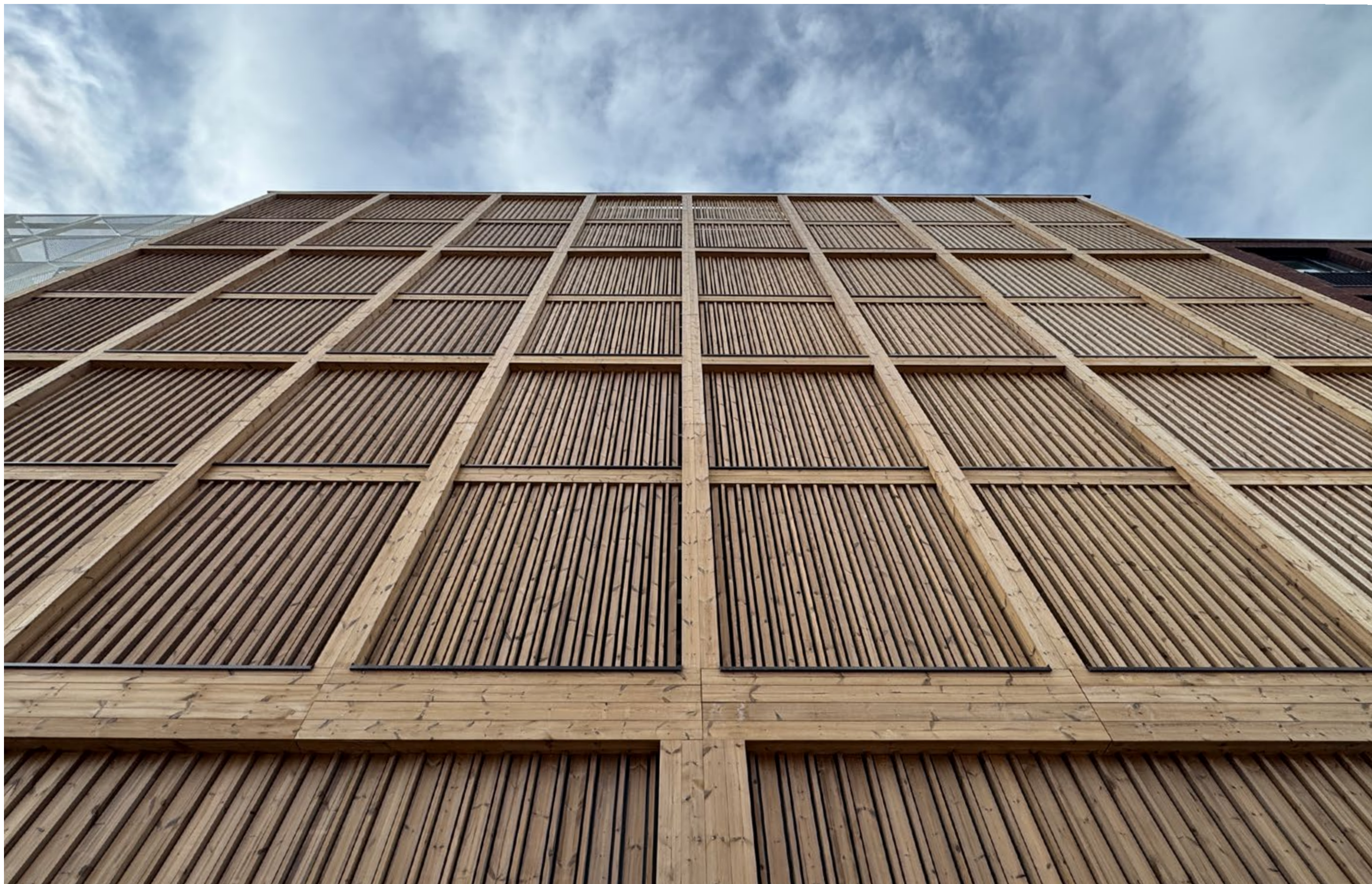
Choose an aluminium design for a sleek, modern look that stands out, leaving you with a crisp and contemporary facade.

Napsu is supplied with certified aluminium lamellae, available in a wide range of colours and surface finishes.

An aluminium facade system is the ideal choice when the building’s facade must meet the requirement of non-combustible Class A material.

At the same time, you gain a highly durable facade that endures for decades without the need for maintenance. Aluminium is celebrated for its remarkable longevity, with around 70% of all aluminium ever produced still in use today in its original form.





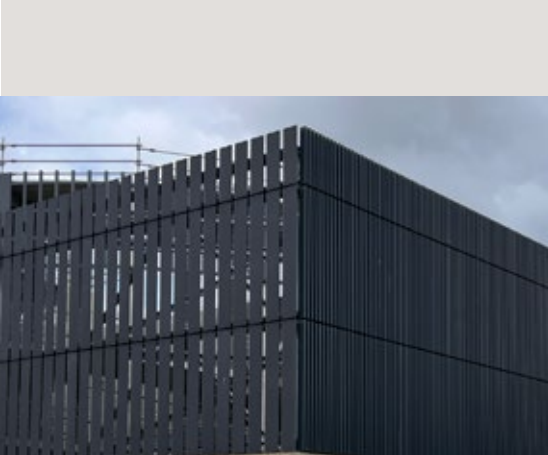
COMBINE SYSTEMS AND MATERIALS

Without Limits

Nordisk Profil also offers closed facade systems in the form of Woodfac Panel and Alufac Panel.

These can likewise be used for car parks, for example where there is a need to cover the supporting facade and create a more uniform look in combination with the open systems.

All our facade systems can also be installed as partial facades and combined with other facade materials such as trapezoidal sheets, solar panels, expanded metal, profile sheets, green walls, and more.



Nordisk Profil delivers complete, modular solutions tailored to every project





CAR PARKS WITH CURVED CORNERS

Architecture in Motion

For parking structures that break away from the ordinary, Woodfac Click and Napsu bring facades to life with a gentle, organic rhythm:

- » Gracefully contoured surfaces
- » Seamless rounded edges
- » Distinctive vertical or horizontal accents
- » Delicately crafted details

With these systems, functionality meets architectural freedom, turning even the most technical car park into a distinctive landmark.



There are no standard solution!
Every Nordisk Profil facade
is custom designed





RECOMMENDED WOOD SPECIES FOR A WOODFAC FACADE SOLUTION

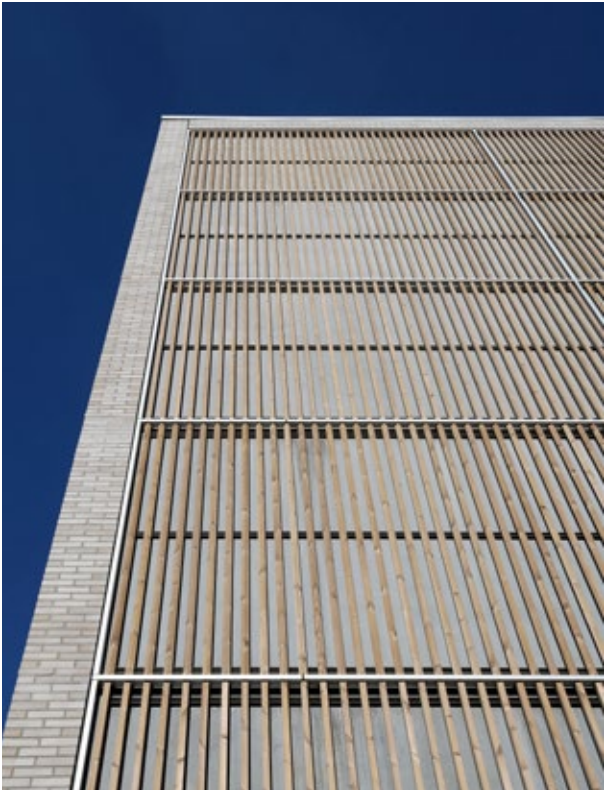
A Natural Look with Documented Performance

Wood as a facade element offers a warm, natural expression that complements a wide range of architectural styles, with proven durability and a long lifespan.

Through thermal treatment, the lamellae gain enhanced dimensional stability and resistance, ensuring a service life of more than 30 years.

For fire-protected facades, the lamellae are impregnated with Burnblock’s fire retardant. The only solution on the market fully accredited, approved, and classified according to EN 16755.

Nordisk Profil has fire safety documentation for the wood species shown, all of which have been end-use classification tested and approved in accordance with EN 13501-1.



Certified Wood
Documented Performance
Built to Last



	Average density	Shape stability	Duration class* EN 335	Minimum life expectancy**	System fire-class (end-use)
THERMO ASH					
	617 kg/m ³	High	1	+50 years	B-s1,d0
THERMO PINE					
	432 kg/m ³	Very high	2	+30 years	B-s2,d0
THERMO PINE PREMIUM					
	432 kg/m ³	Very high	2	+30 years	B-s2,d0
WESTERN RED CEDAR					
	465 kg/m ³	Very high	2	+30 years	B-s2,d0
THERMO AYOUS					
	323 kg/m ³	Very high	2	+30 years	B-s2,d0
ACCOYA***					
	525 kg/m ³	Very high	1	+50 years	'Pending'

* Durability classes for wood are graded from 1-5. Durability class 1 is the highest, with class 5 being the lowest.

** Minimum expected lifetimes for vertically mounted lamellae, installed with Nordisk Profil's system solution.

*** Accoya® is FSC® and Cradle to Cradle Gold certified, as well as holding a Nordic Swan Ecolabel. Accoya has a guaranteed durability for +50 years above ground and 25 years in soil/underwater. The Accoya wood is from sustainable sources, CO2 neutral, and 100% recyclable.





ALUMINIUM LAMELLAE WITH ENDLESS POSSIBILITIES

Create an Impressive Facade without Limitations

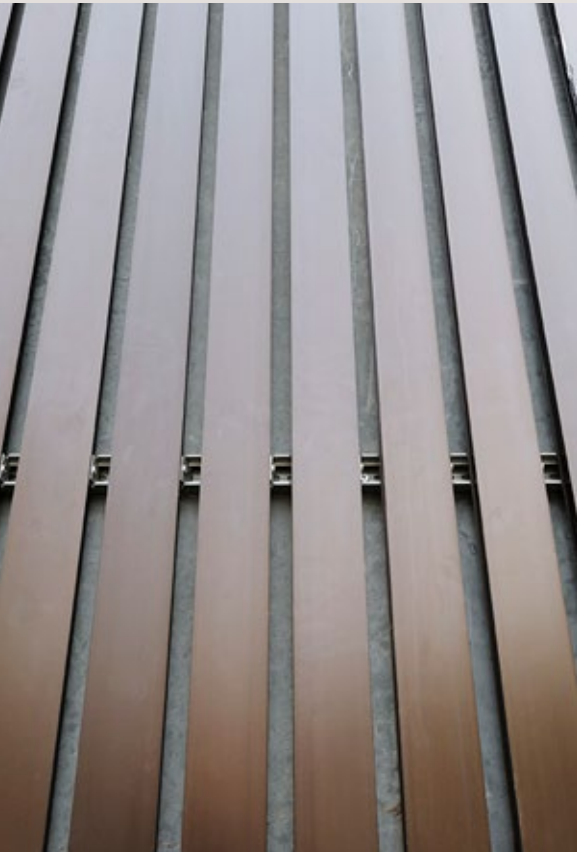
Facades should make a statement, and they can do so in many ways through design, materials, and colours.

Aluminium lamellae offer virtually unlimited design potential. With variations in surface treatment, finish, colours, and geometry, the final expression can be tailored to suit both subtle and bold architectural visions.

Thanks to aluminium’s durability, light weight and formability, it is an ideal choice for long-lasting, no maintenance facades that meet both functional and creative demands.



Unlimited colours
Endless expressions





MOUNTING OF WOODFAC CLICK & NAPSU

A Unique and Simple Plug-and-Play System

With endless creative combinations, easy handling, and the guarantee of a precise, sharp look, designing and installing these facade systems is almost like playing with LEGO®.

The system consists of three components, mounting rail, lamella, and fix-plate. They are all engineered with built-in thermal movement and full control of every construction element. The systems are developed with a focus on efficient installation, requiring only three basic steps.

THREE COMPONENTS

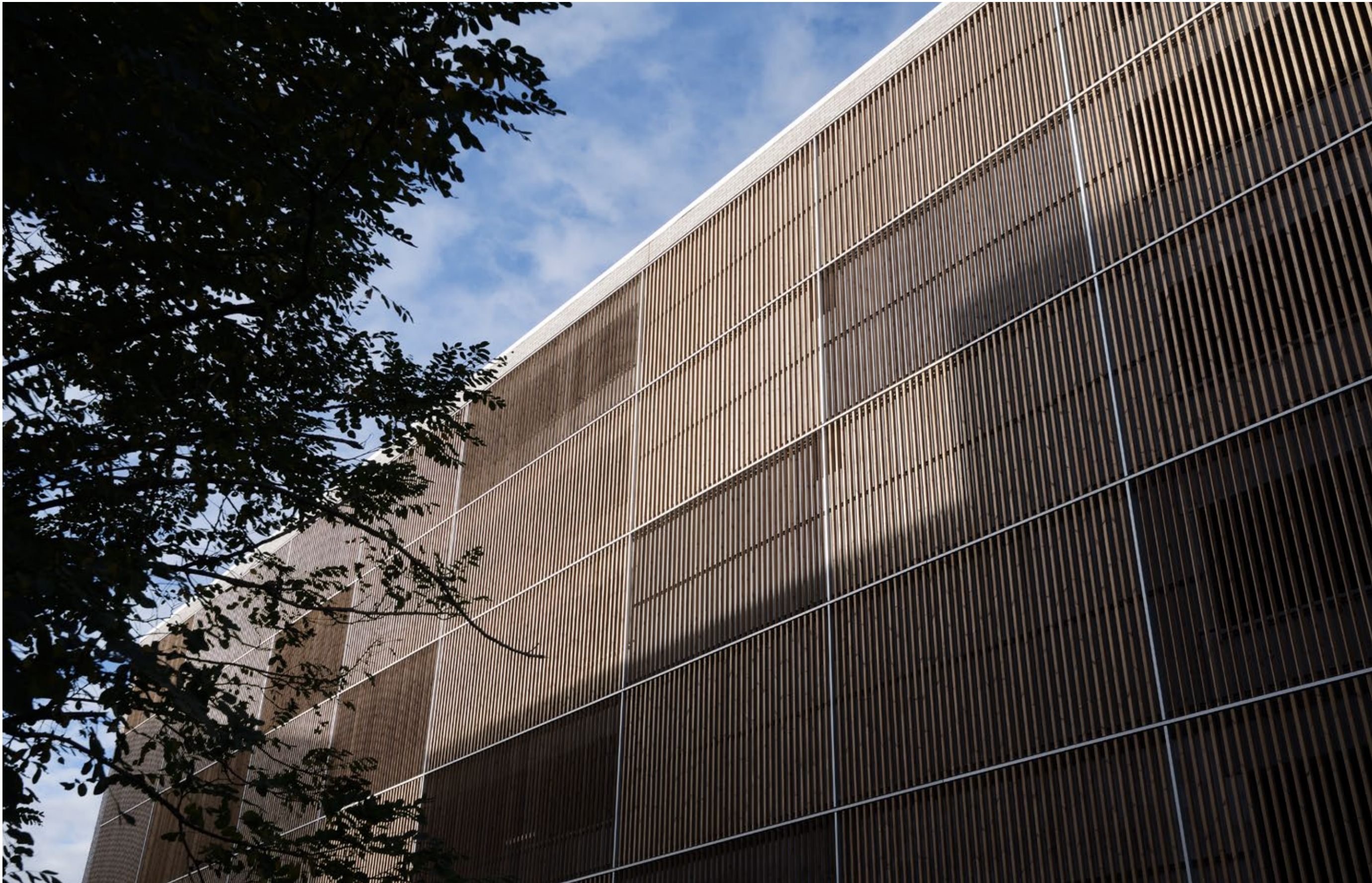
- Mounting rail
- Lamella
- Fix-plate

THREE STEPS

- 1. Mount
- 2. Click
- 3. Fix

The result is a durable facade with no visible screws, offering an elegant and seamless finish. If the facade ever needs to be extended, this can be done just as easily, without visible transitions or other constructional challenges.





HIGH-PERFORMANCE SAFETY BARRIER

INTEGRA-pw

INTEGRA-pw is a patented, modern, and high-performance safety barrier system developed primarily for multi-storey car parks.

With this innovative all-in-one solution, both people and vehicles are protected without the need for additional conventional safety devices. At the same time, the open design supports natural ventilation, allows daylight to flow in, and enhances the architectural aesthetic. It is also designed for reuse and efficient material usage.

Quality and Safety

The INTEGRA-pw system is modular, low-maintenance, and fully compliant with European crash and building standards, with more than 1,500 successful installations across Europe.

To further ensure safety and performance, Nordisk Profil conducted dynamic load tests with INTEGRA-pw in accordance with EN 1991-1-7. During testing, our wooden and aluminium facade components were mounted directly onto the safety barrier using U-shaped mounting profiles.

The results were clear, even under simulated vehicle impact, the components remained intact and firmly in place, confirming the system’s exceptional reliability and long-term durability.

This also means that our Woodfac Click and Napsu facade systems can be installed directly onto the INTEGRA-pw steel mesh construction, without the need for any additional substructure.



**Supports impact loads up to 3.5 t
and spanning up to 5.50 m without
intermediate support**

