

EXTERUS



Acoustic Wall and Ceiling Solutions for the Highest Requirements

Premium acoustic cladding
for style and performance



Fibre gypsum Acoustic Wall / Ceiling Cladding

Fibre gypsum acoustic cladding with flammability class A2 - s1, d0 or B - s1, d0 features a natural wood surface, natural wood mass edges for added rigidity, and milled edges compatible with the aluminum mounting profiles that are part of the system.

Specifications:

Fire Classification: The fire classification applies to the entire product, including all components, treatments, and the installation profiles.

Surface: The wood veneer can be natural, cut from a single type of wood to maintain its characteristic pattern and color, or engineered, cut from glued layers of various woods to achieve the desired pattern/shade. Veneer options include toning, bleaching, or darkening. The surface is coated with UV varnish. Standard wood types: Oak, Birch, Maple, Walnut, Cherry, dark grey technical Birch, Ash.

Panel size: max 3000mm x 1200mm, panels are manufactured according to the wall layouts, matching the sizes to the specific situation.

Thickness for wall cladding: 12.5 - 15mm or greater, depending on perforation type or weight/m² requirement.

Weight: 14-18 kg/m² or as required

Density: ≥1150 kg/m³

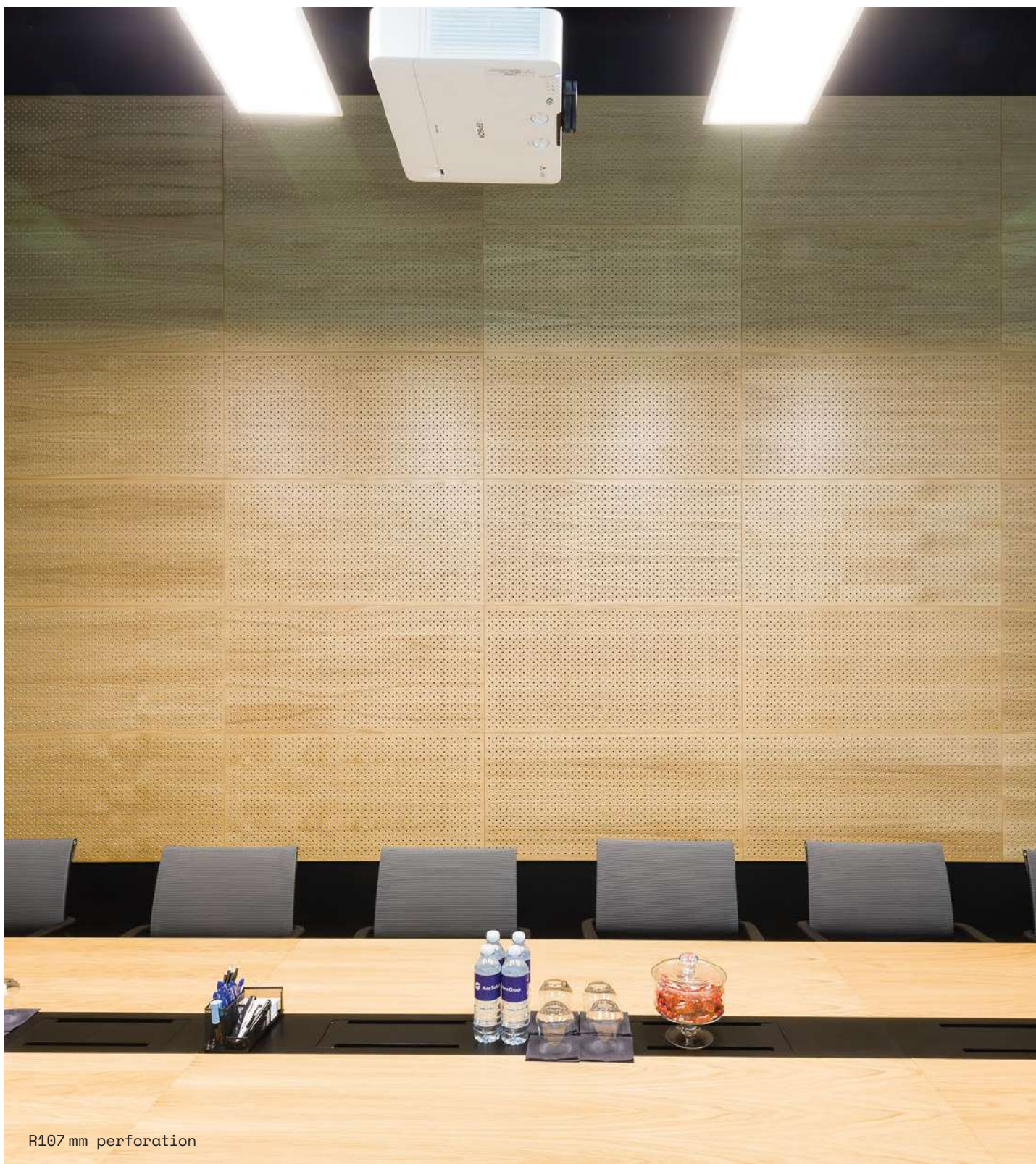
Perforation Types:

- Specified by the architect/acoustic engineer
 - Options include round holes, grooves, nanoporation, or individual patterns.
 - The back side of perforated panels includes a black acoustic fabric.
-

Maintenance: panels can be cleaned with a damp, wrung-out cloth, a mild detergent (non-abrasive), or a vacuum cleaner. Wet cleaning is not recommended.

Perforation Types

Here are the most popular models of EXTERUS acoustic panel perforations. We can create perforations according to your wishes, and perforations can also be used to create personalised patterns.



R107 mm perforation

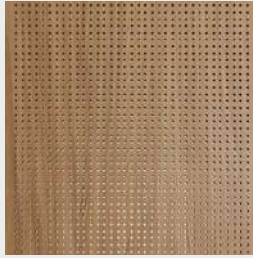
Sample size: 600 x 600 mm (open area defined as a percentage)

R107



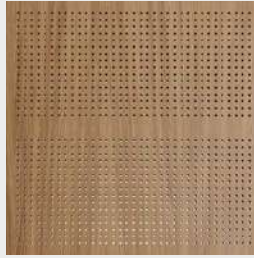
10%/8 mm
16%/10 mm
3, 4, 5, 6, 8, 10 mm

R108

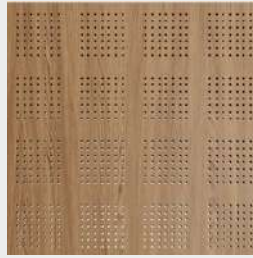


open area: 12%/6 mm
18%/8 mm
3, 4, 5, 6, 8 mm

R103



R110



S106



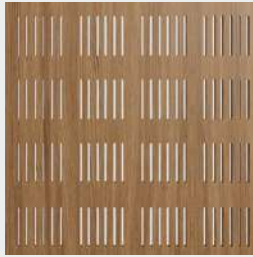
18%/8 mm

S105

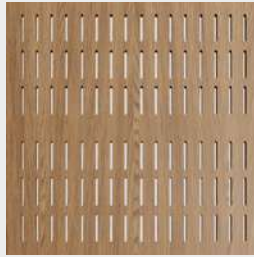


20%/6 mm

R109



S102



S101



12,5%/6 mm
17%/8 mm

S630



S640



S620



S610



6,65% open

RS1616



10%/3 mm
2 mm is 2,4; 3; 4; 5 mm
standard

SS1625



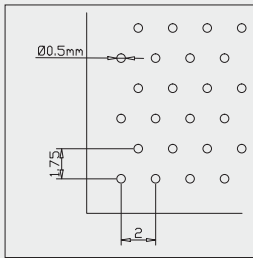
11,5%/5 mm
2 mm is 2,4; 3; 4; 5 mm
standard

S210



14%/6 mm
18%/8 mm
groove: 25 mm; 10 mm; 12 mm

Nano



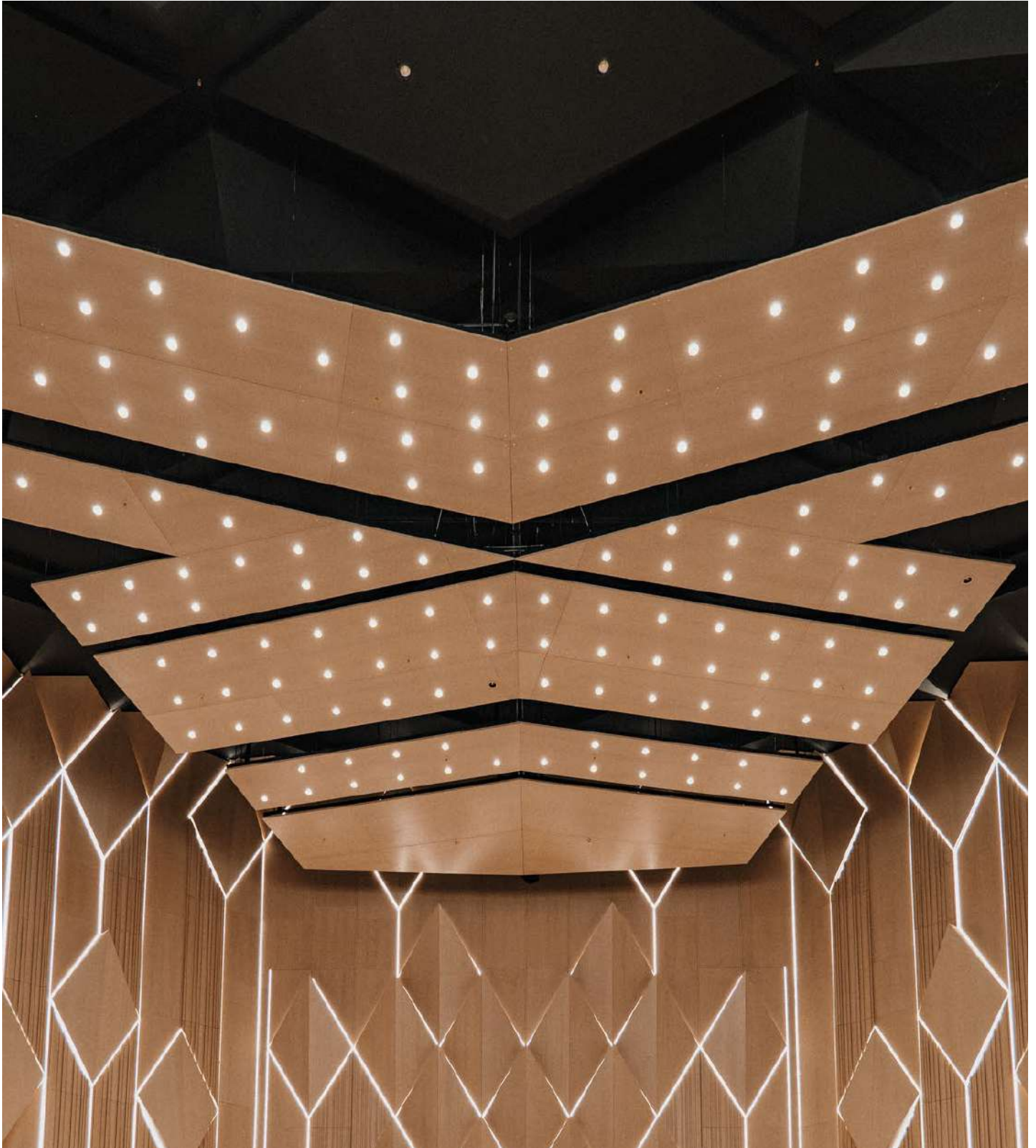
Approx. 283 000 morrises/m²

Personal



Natural, dyed
and engineered
wood veneers

We offer a diverse selection of natural, dyed and
engineered wood veneers from many sources.



Some wood veneer samples

Ash



Ash



Birch



Maple



Bleech



American Oak



Oak



European Cherry



CoCo Taupe



Walnut



CoCo Cognac



Chocolate



CoCo Caffee



CoCo Nero



Theatre



Grey



Blue



Water



Also available:

- Individual staining
- Your sample matching
- Please ask if you don't find what you need!

Wall / Ceiling Cladding

Smooth finished flat wall (such as gypsum drywall or skim coated surface) installation. No need for mineral wool.



Smooth finished flat wall (such as gypsum drywall or skim coated surface) installation. No need for mineral wool.

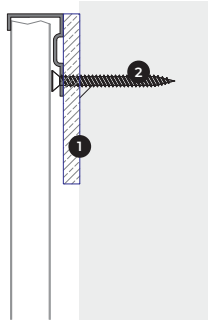
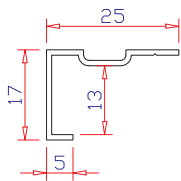
Panel mounting profiles are used both – vertically and horizontally.

Substructure profile direction has to be determined according to the project individually.

Panel top fixing

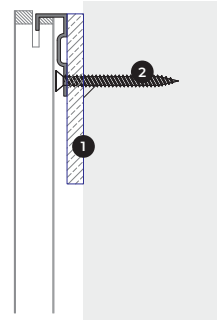
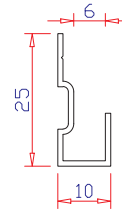
Finishing aluminium profile-
natural aluminium colour or
coated in RAL color

PVL1
profile



Also
available:

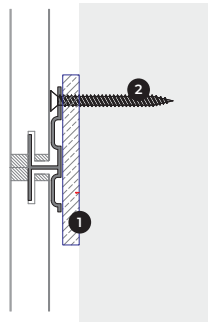
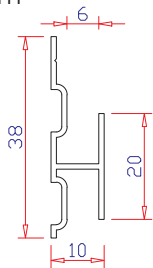
PAL
profile



Panels connecting fixing

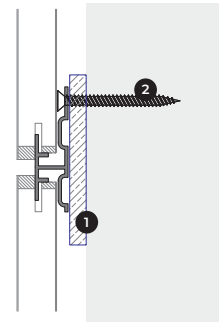
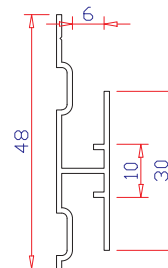
Invisible joint profile,
aluminium

PPL
profile



Also
available
with gap

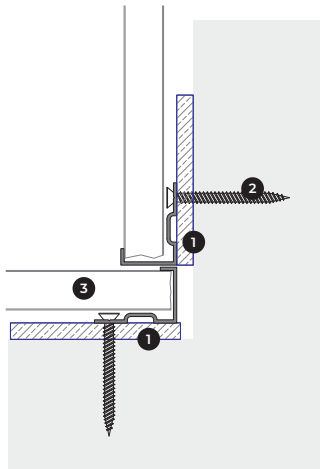
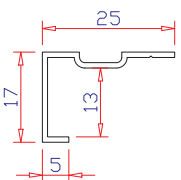
PAS
profile



Panel inner corner

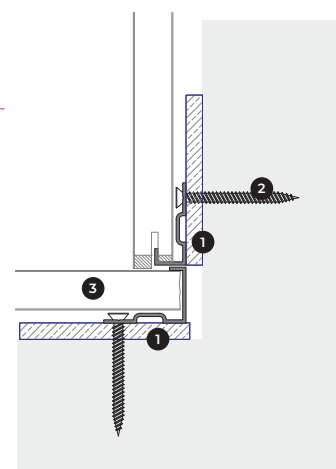
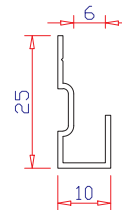
Finishing aluminium profile-
natural aluminium colour or
coated in RAL color

PVL1
profile



Also
available:

PAL
profile



- ❶ Leveling block (thickness according to the situation 1-10mm) to be purchased locally
- ❷ The type of fixing element depends on the mounting surface (to be purchased locally)
- ❸ Cut panels edge is covered

Wall / Ceiling Cladding

Rough finish wall
surface installation.

No need for mineral wool.



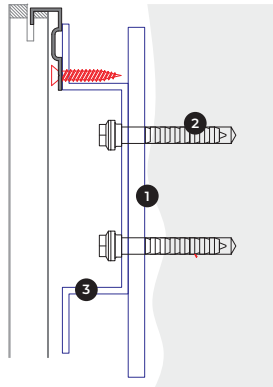
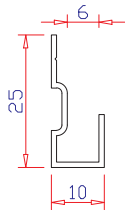
Rough finish wall surface installation. No need for mineral wool.

Panel mounting profiles are used both – vertically and horizontally.
Substructure profile direction has to be determined according to the project individually.

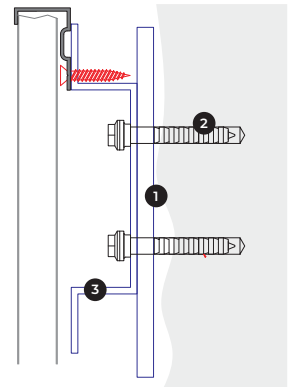
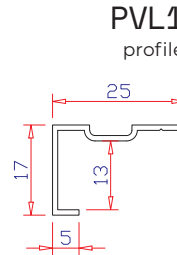
Panel top fixing

Finishing aluminium profile-
natural aluminium colour or
coated in RAL color

PAL
profile



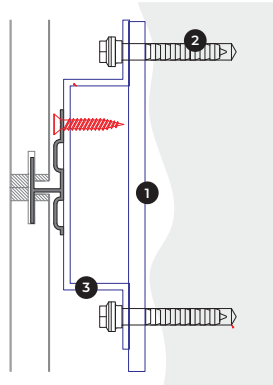
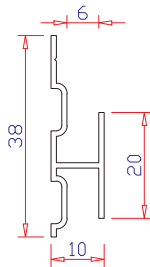
Also
available:



Panels connecting fixing

Invisible joint profile,
aluminium

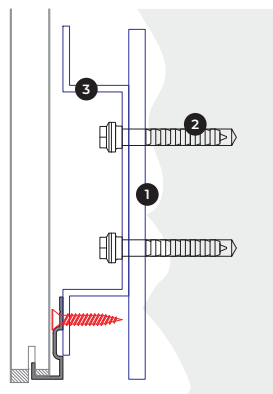
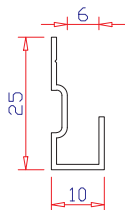
PPL
profile



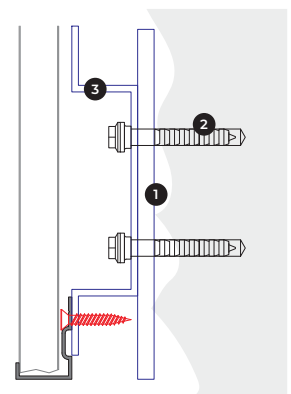
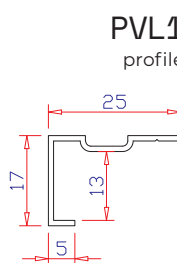
Panel bottom fixing

Finishing aluminium profile-
natural aluminium colour or
coated in RAL color

PAL
profile



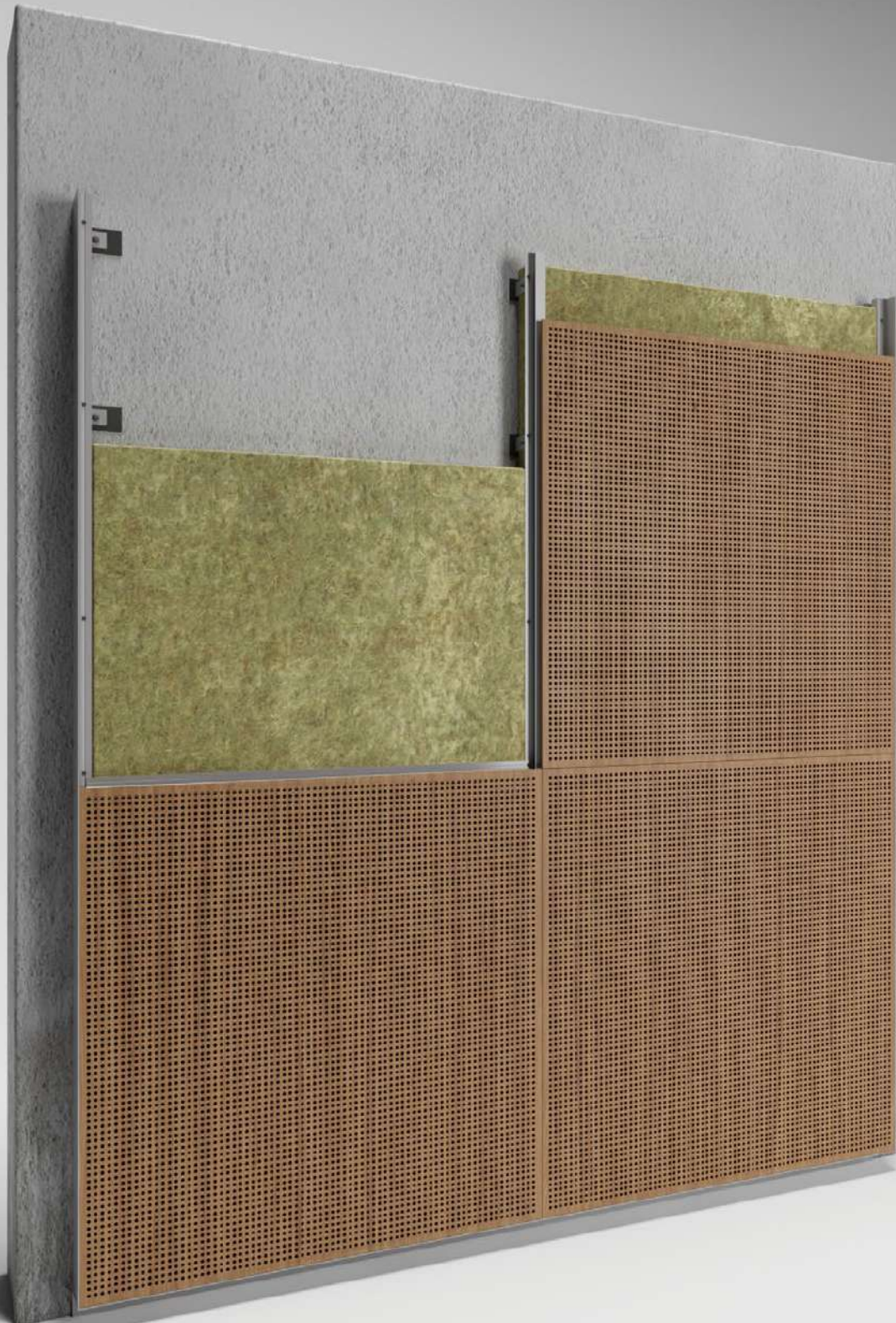
Also
available:



- ① Leveling block (thickness according to the situation 1-10mm) to be purchased locally
- ② The type of fixing element depends on the mounting surface (to be purchased locally)
- ③ Substructure profile for base levelling, type and size according to the situation to be purchased locally

Wall / Ceiling Cladding

Smooth/rough wall
surface installation.
With mineral wool.



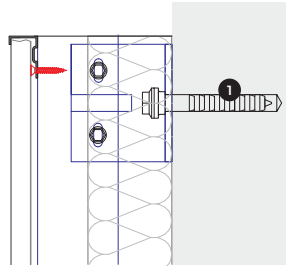
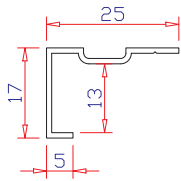
Smooth/rough wall surface installation. With mineral wool.

Panel mounting profiles are used both – vertically and horizontally.
Substructure profile direction has to be determined according to project individually.
Mineral wool thickness as specified in individual project by acoustic engineer.

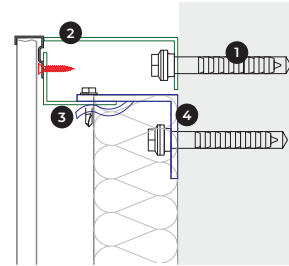
Panels top fixing

Finishing aluminium profile-
natural aluminium colour or
coated in RAL color

PVL1
profile



Side view

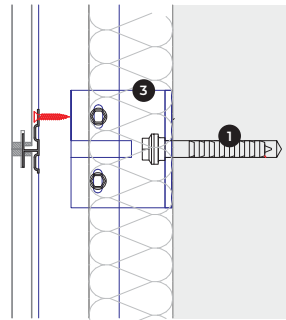
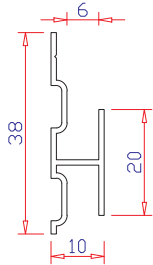


Top view

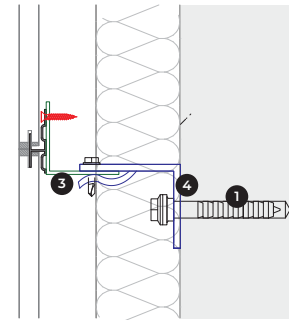
Panels connecting fixing

Invisible joint profile,
aluminium

PPL
profile



Side view

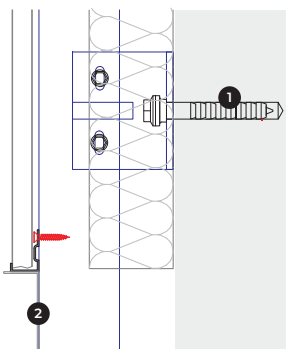
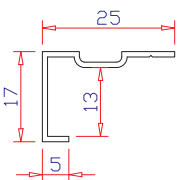


Top view

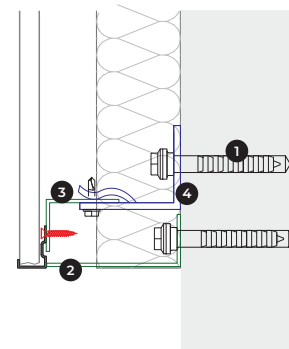
Panel bottom fixing

Finishing aluminium profile-
natural aluminium colour or
coated in RAL color

PVL1
profile



Side view

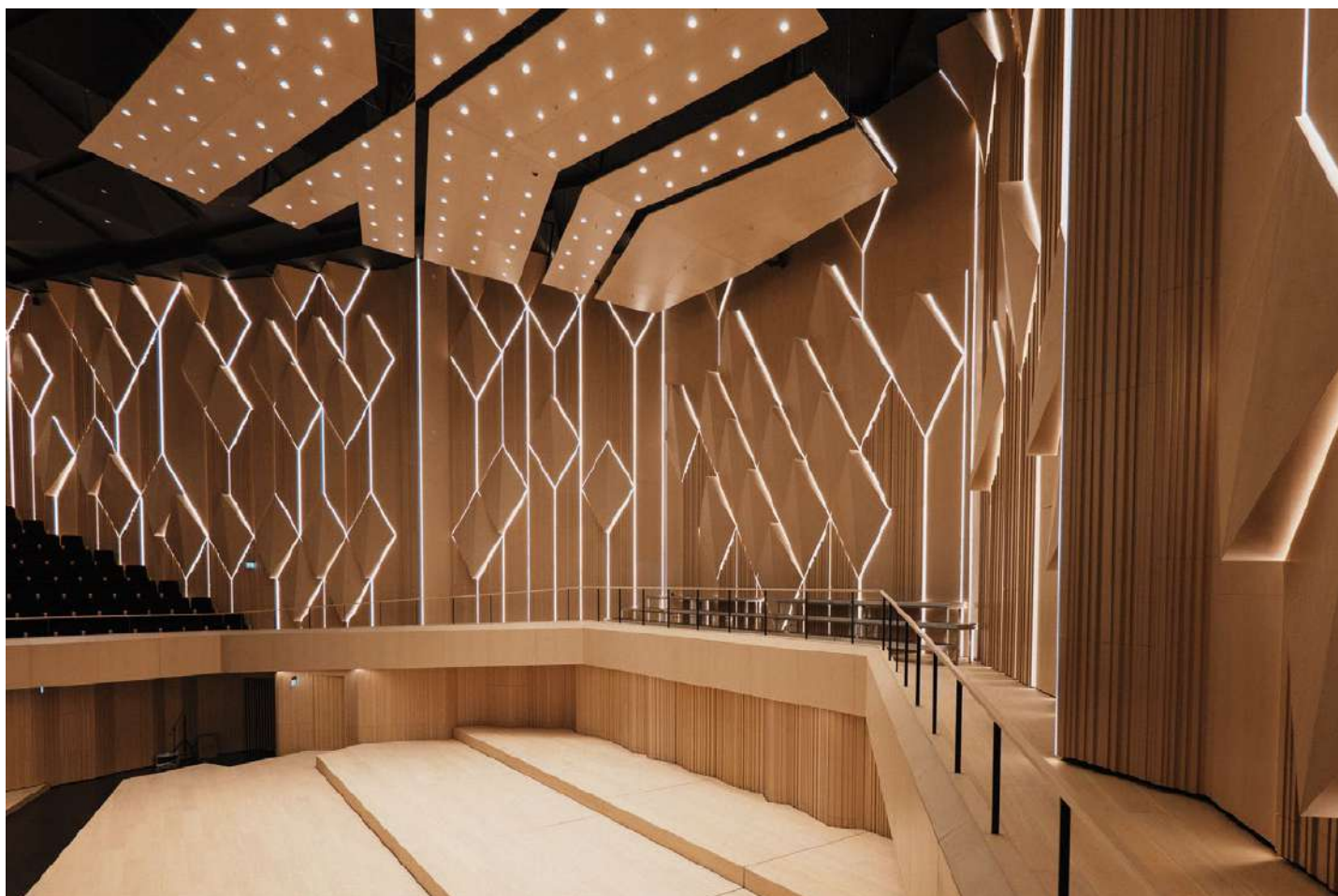
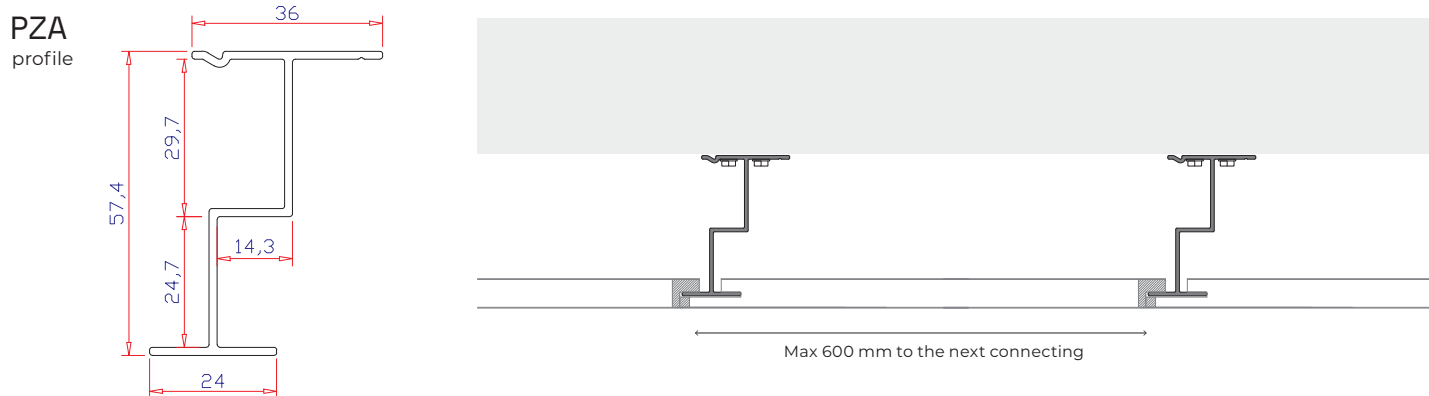


Top view

- ① Fixing element type depends on mounting surface (to be purchased locally)
- ② Painted "L" profile (to be purchased locally) - option for decorative substructure covering
- ③ "L" profile (to be purchased locally)
- ④ "L" profile mounting bracket (to be purchased locally)

Ceiling mounting profiles

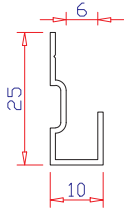
Demountable
ceiling profile,
invisible fixing



Profiles

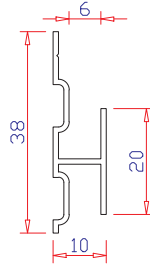
Invisible
end profile

PAL



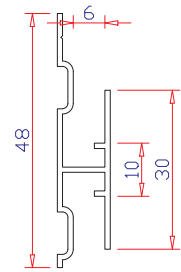
Invisible
joint profile

PPL



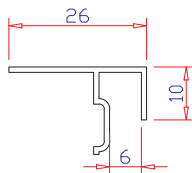
Visible
joint profile

PAS



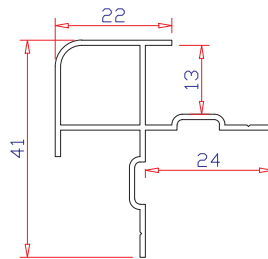
Angle fixing
profile

PLL



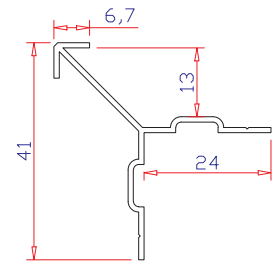
Corner
profile

PPKL



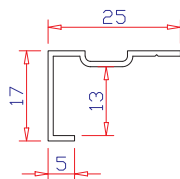
Corner
profile

PTKL



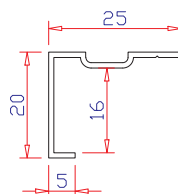
Cut panel
end profile

PVL1



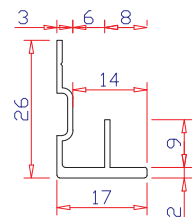
Cut panel
end profile

PVL2



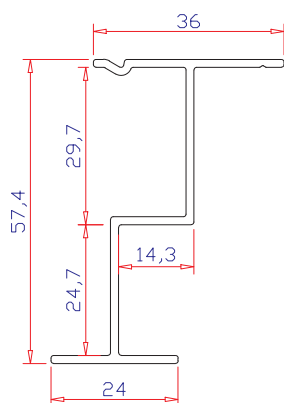
Semi visible
profile

PSAL



Ceiling
profile

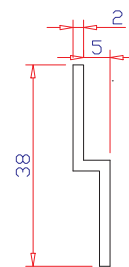
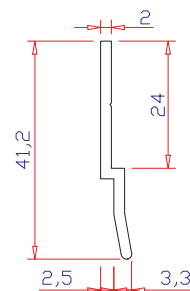
PZA



Demountable
wall profiles

PRI

PZI



Fibre gypsum Slats / Planks for Walls / Ceilings

Fibre gypsum slats with a fire class of A2 - s1, d0, featuring a natural wood front and sides painted according to RAL / NCS standards. Products are supplied as panels with slats of specified size mounted on metal crossbars, with an optional acoustic fabric background that hides the framework. If necessary, panels can be assembled on-site.

Specifications:

Fire Classification: The fire classification applies to the entire product, including all components, treatments, and the mounting profile.

Surface: The wood veneer can be natural, cut from a single type of wood to maintain its characteristic pattern and color, or technical, cut from glued layers of various woods to achieve the desired pattern/shade. Veneer options include toning, bleaching, or darkening, and are covered with UV varnish. Standard wood types: Oak, Birch, Maple, Walnut, Cherry, dark grey technical Birch, Ash.

Slat height and width are custom-made:

- Standard: 12,5; 15; 18mm, other options are available.
 - The spacing is freely chosen.
 - Slat panels are provided according to wall layouts/ceiling plans, matching the sizes to the specific situation.
-

Material density: $\geq 1150 \text{ kg/m}^3$

Maintenance: panels can be cleaned with a damp, wrung-out cloth, a mild detergent (non-abrasive), or a vacuum cleaner. Wet cleaning is not recommended.

Additional Option:

Fire Class B - s1, d0: Available with natural wood veneer on all visible sides. The specifications and options remain the same as those mentioned above for A2 - s1, d0 class.

Linear panel

Panel structure

Front view



Back view



Optional: black acoustic fleece between slats and cross-profiles, then cross profiles are not visible from front

Sizes

Top view



Maximum thickness to be discussed individually

Front view



Coating



A2 - sl, d0 wood veneer only on front side, slat sides are painted according to RAL

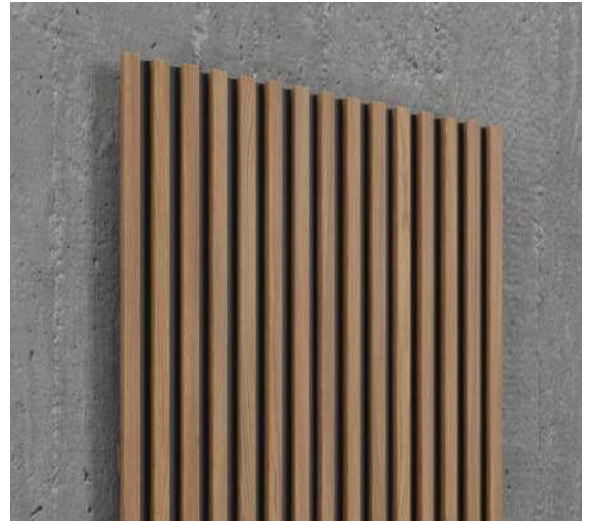
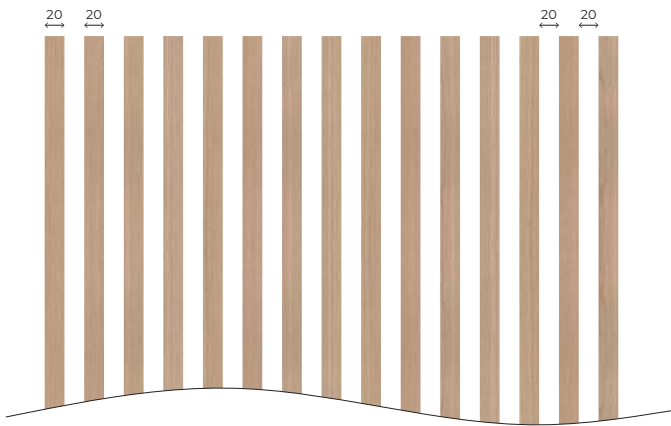


B - sl, d0 wood veneer can be on sides too

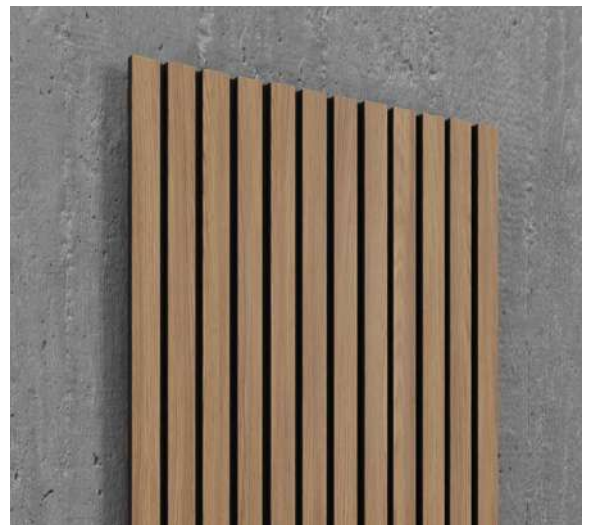
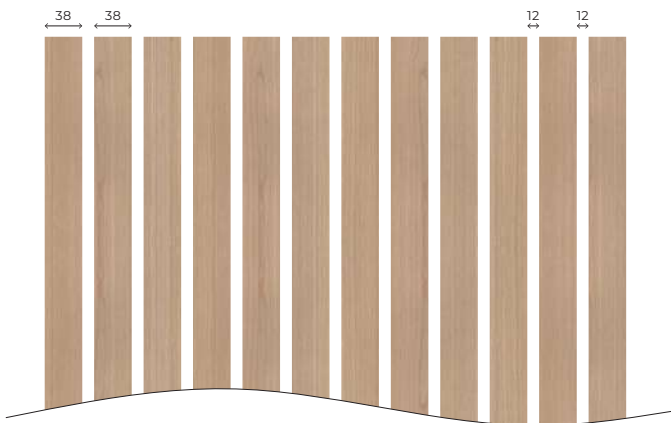
Linear panel

Freedom to choose slat width and gap gives many design options. There are a few examples.

Small



Middle

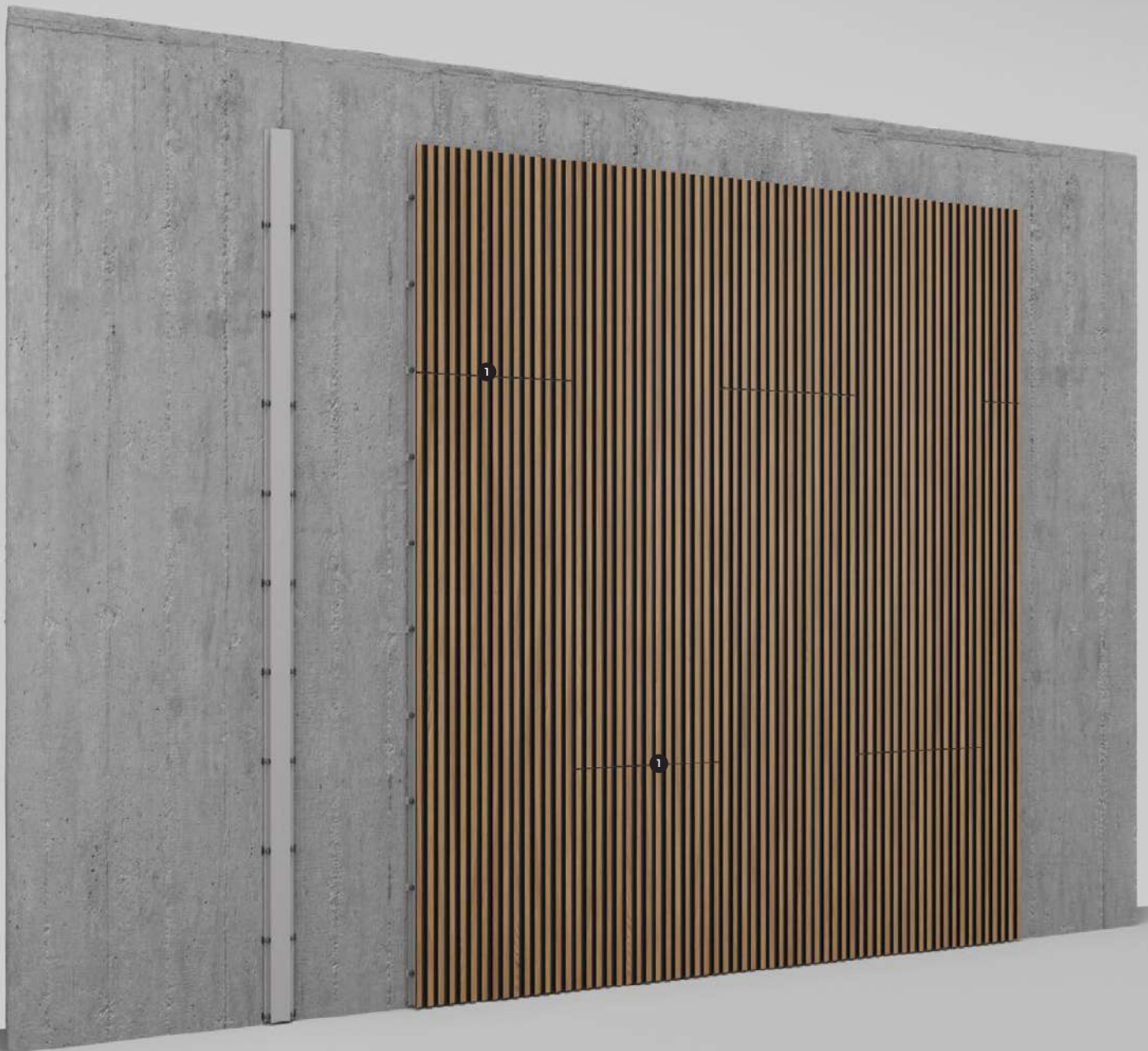


Large



Linear panel

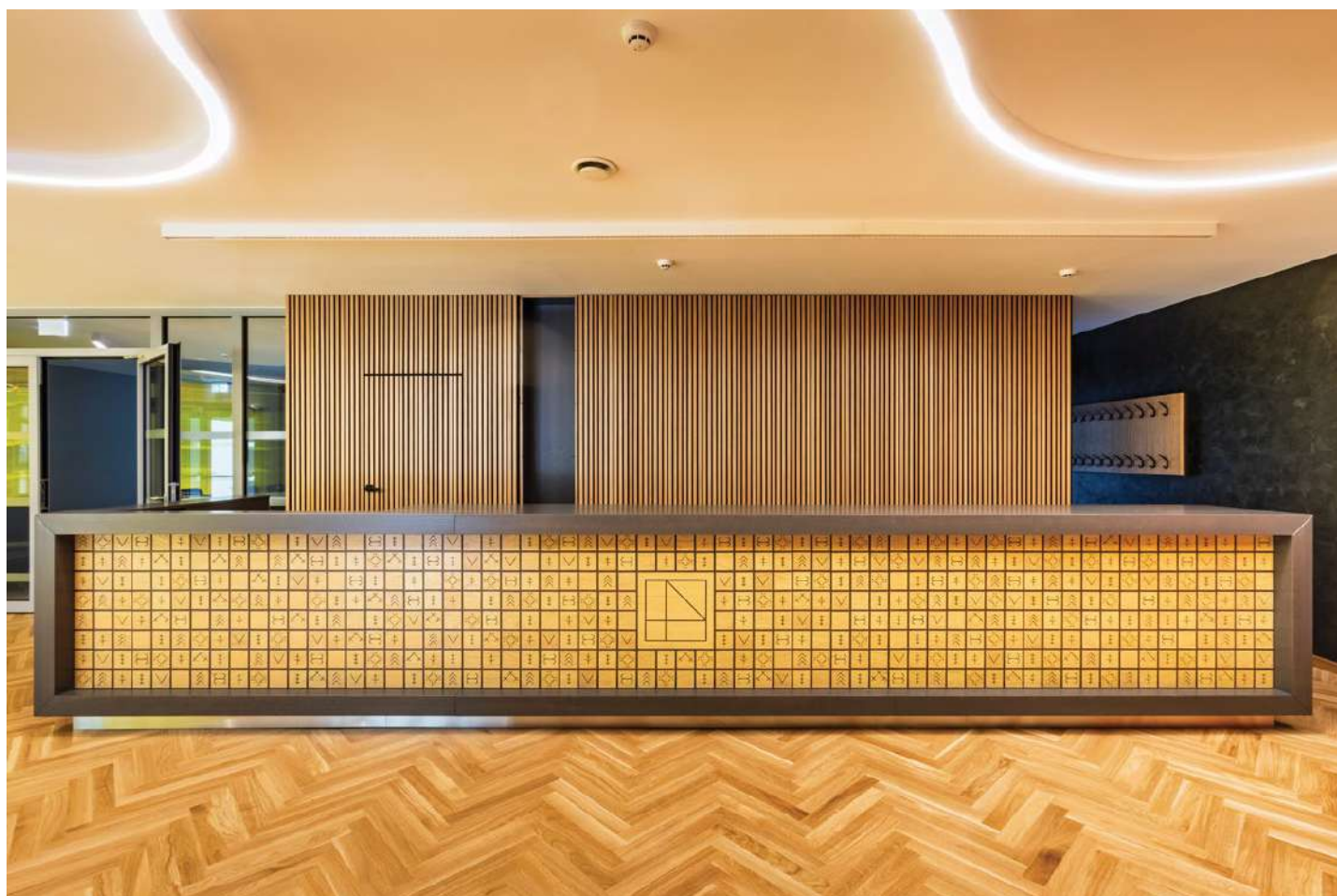
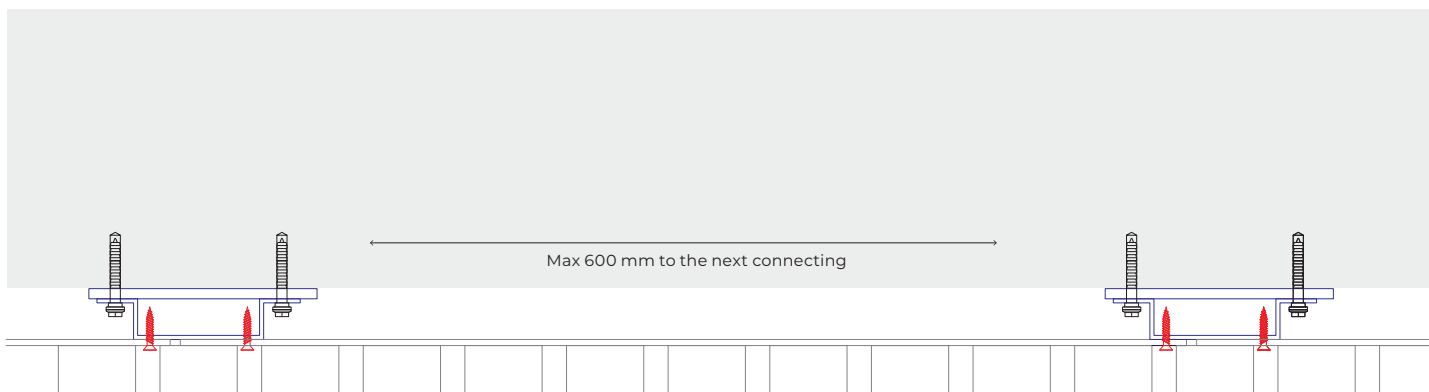
Smooth finished flat wall (such as gypsum drywall or skim coated surface) installation.
Without mineral wool.



1 Joint pattern can vary

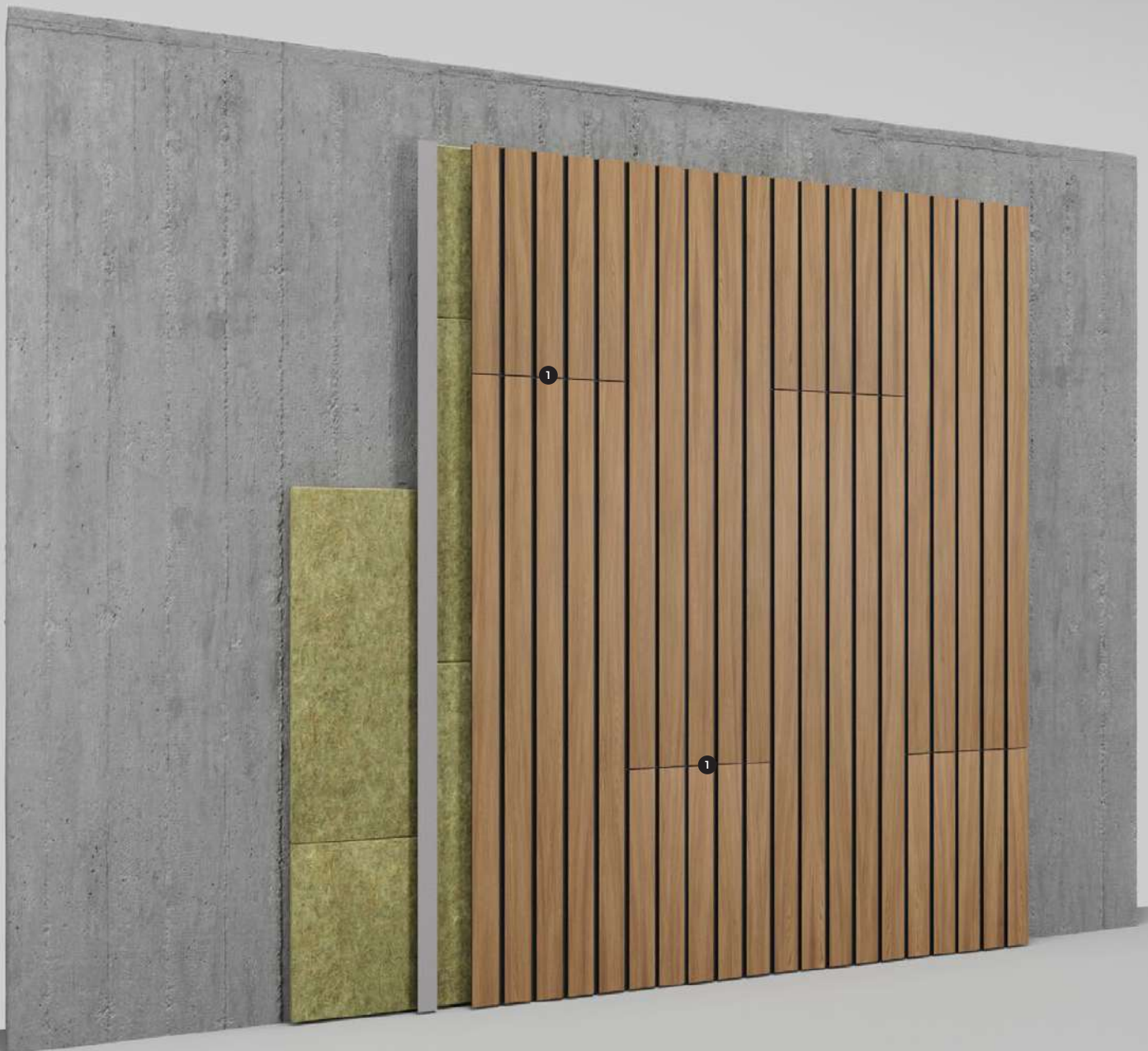
Linear panel

Wall and ceiling installation.
Without mineral wool.



Linear panel

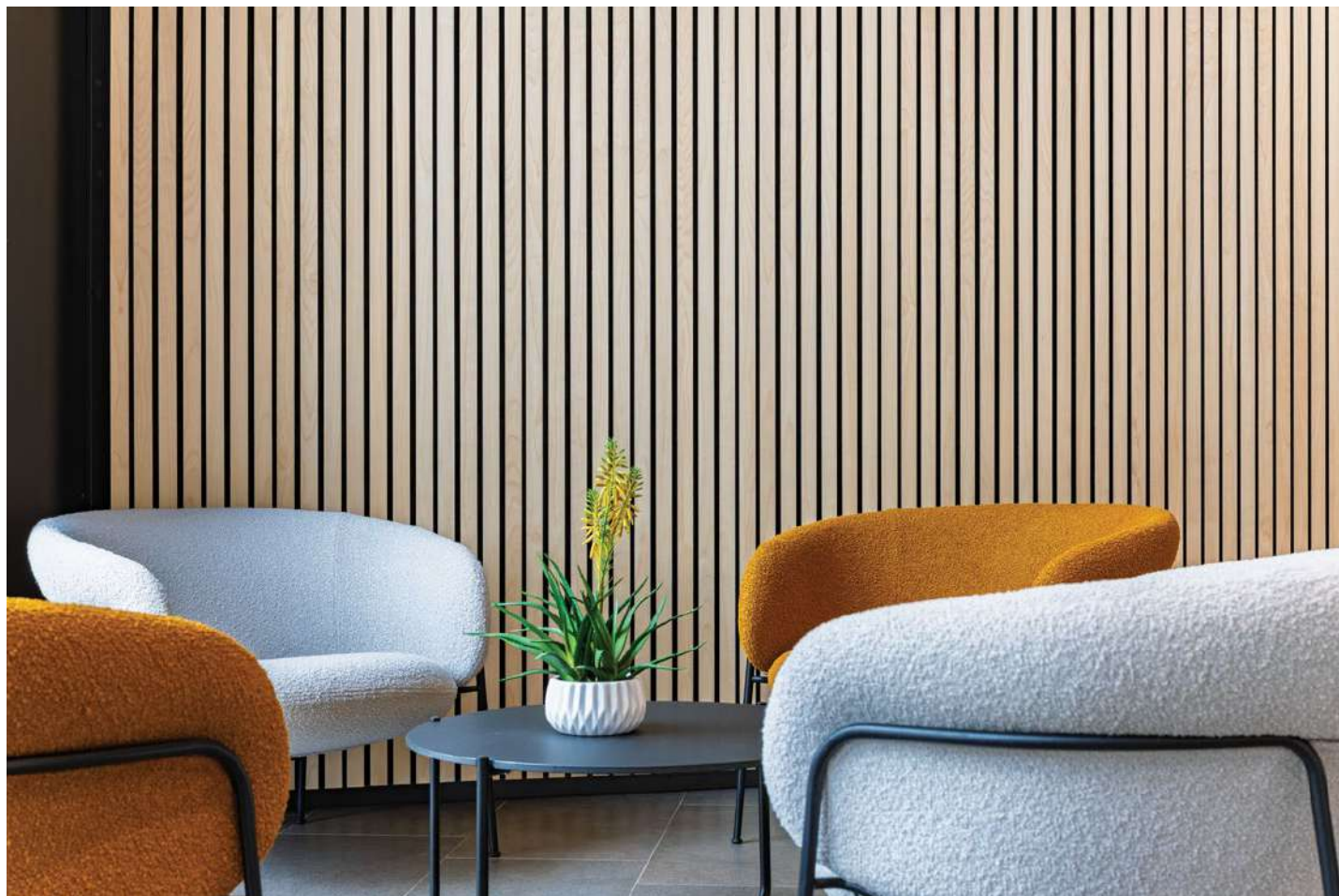
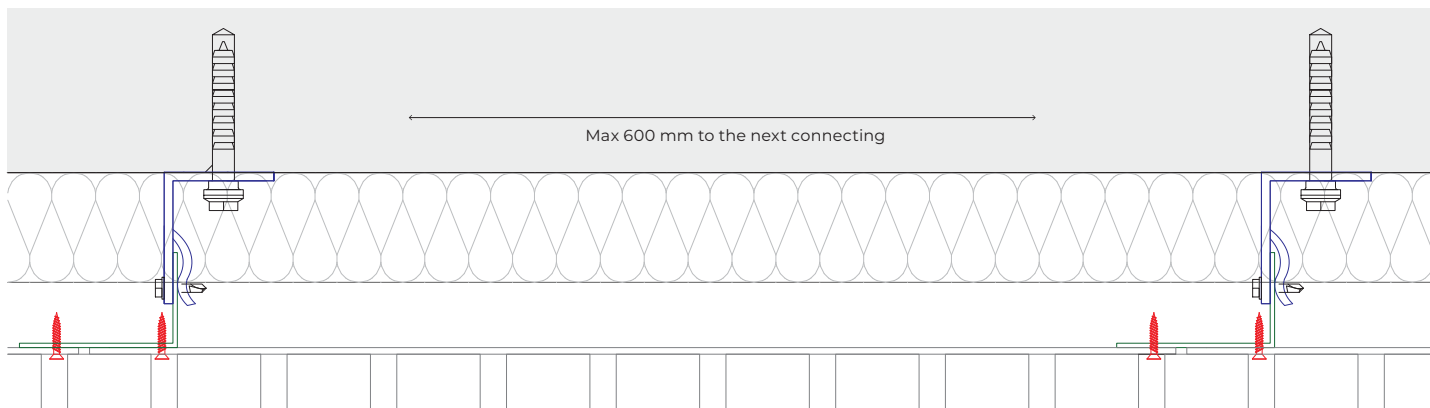
Smooth/rough wall surface installation.
With mineral wool.



1 Joint pattern can vary

Linear panel

Wall installation.
With mineral wool.



Acoustic Wall and
Ceiling Solutions for the
Highest Requirements

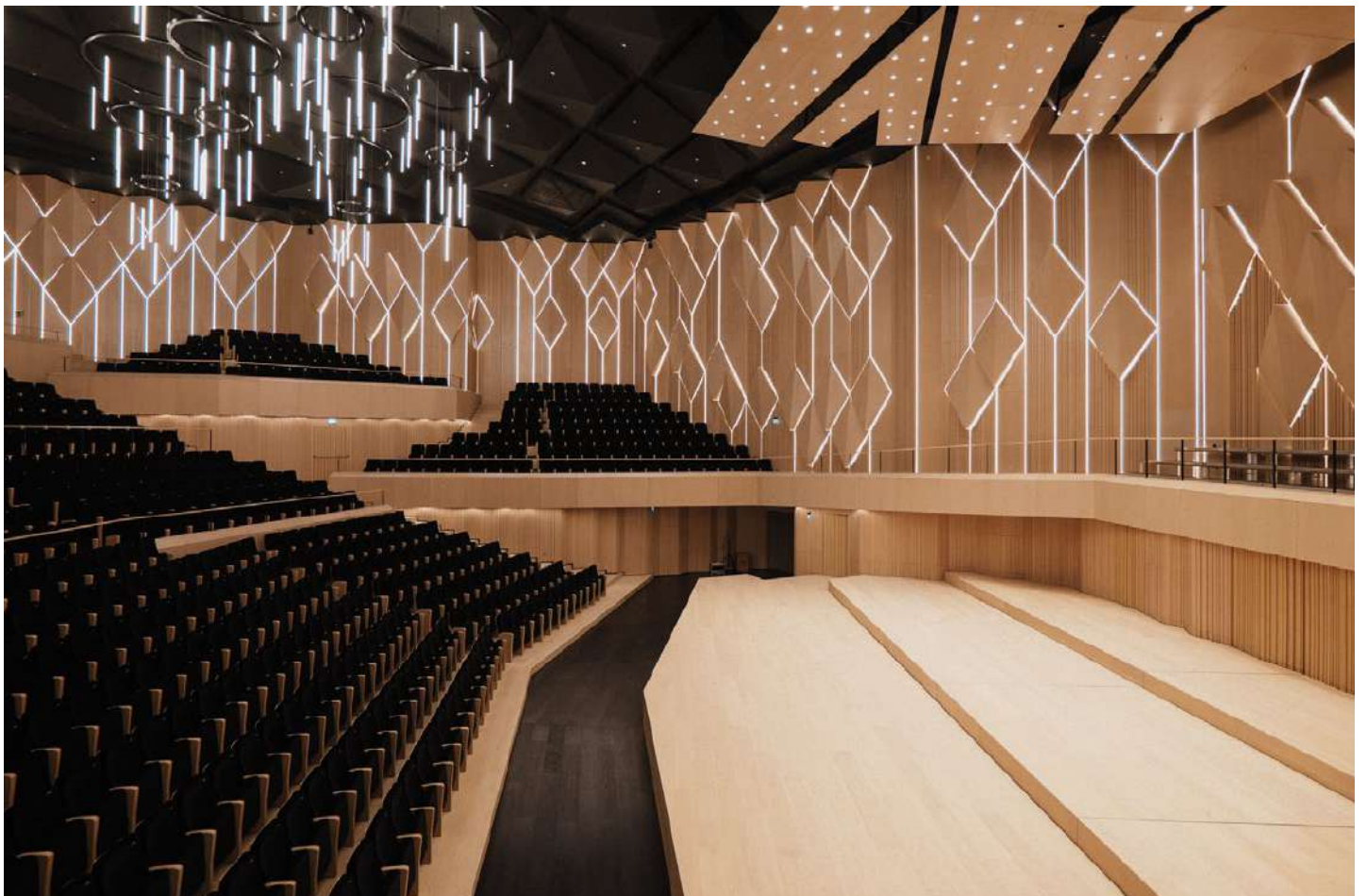
Implemented projects



LVS0 – Vilnius Congress Hall Reconstruction

Acoustic engineer	Architect	Location	Year of implementation	Square meters of product used	Project duration
Akustika plus	Marius Mateika and Indrė Ankudavičienė	Vilnius	2023	~1700 m²	270 days

The LVS0 Concert Hall (formerly Vilnius Congress Hall) opened its doors to visitors in 2024, emerging as one of Lithuania's largest and most advanced concert venues. Designed in an amphitheater style, the hall seats 984 spectators and is fully accessible to individuals with disabilities. The claddings meet the B-s1,d0 fire classification, ensuring high safety standards. The interior features custom 3D elements, lath panels, and ceiling islands, all with a weight of 35 kg/m² or more. The decor is finished with engineered oak veneer, enhanced with a whitening treatment for a refined aesthetic.

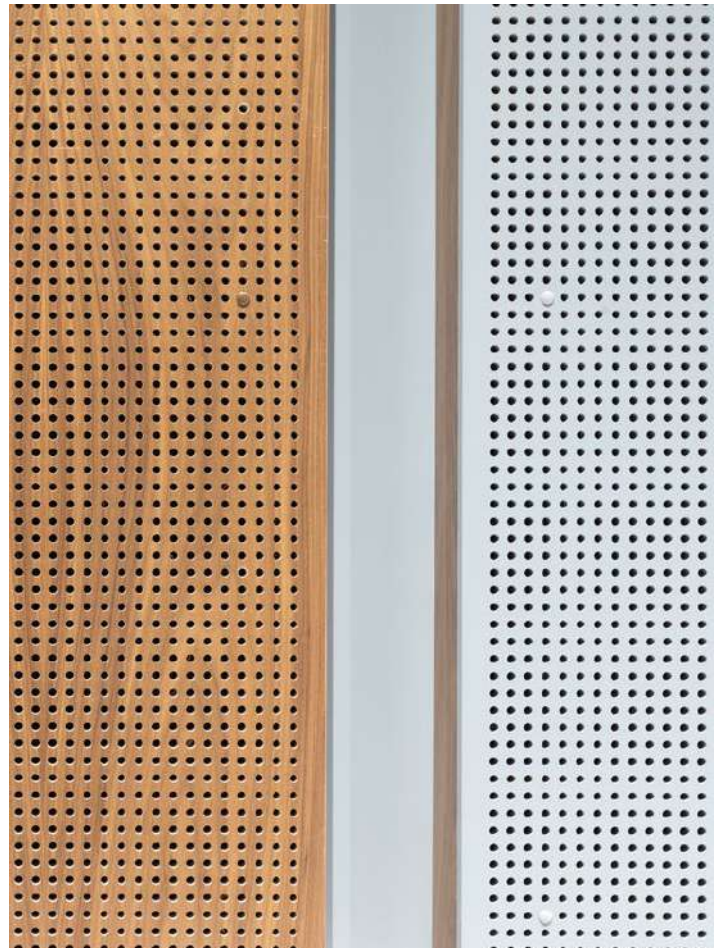




Molėtai Cultural Center

Acoustic engineer	Architect	Location	Year of implementation	Square meters of product used	Project duration
Akukon	MB "Pilkausko architektūros projektavimo firma GRAFO"	Molėtai	2021	~892 m²	248 days

The Molėtai Cultural Center in Lithuania is a vibrant venue for cultural events and community gatherings, hosting concerts, theater performances, exhibitions, and workshops for diverse audiences. The center's walls and ceilings feature A2-s1,d0 fire-rated fibergypsum core panels with a 12.5mm thickness, finished in natural walnut veneer and plain gray paint. A custom 3D design was achieved on-site using a 3D substructure and a variety of aluminum profiles integral to this advanced acoustic cladding system.

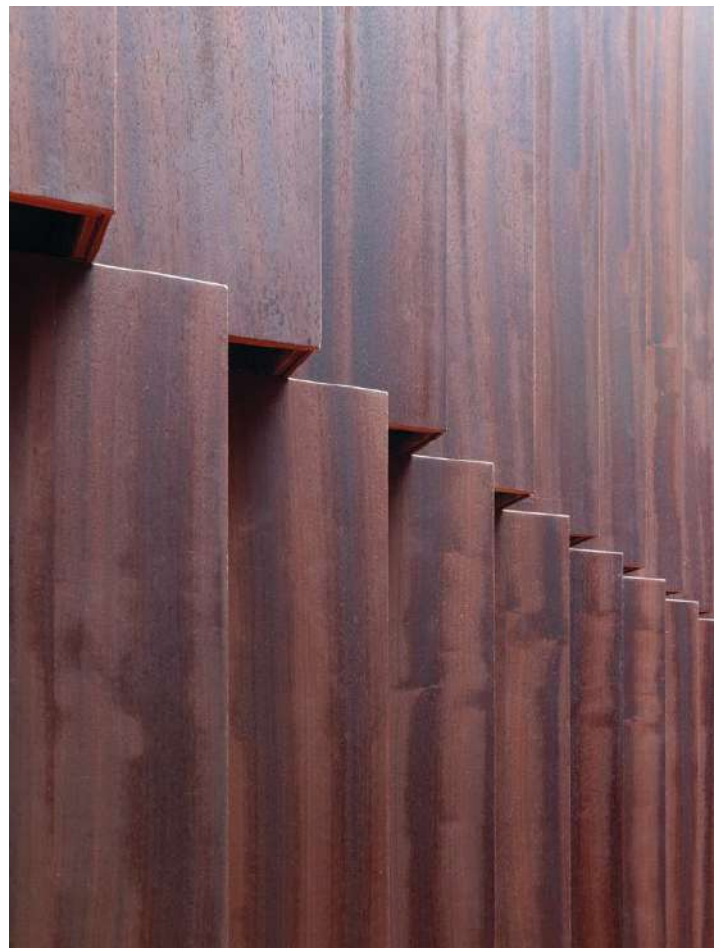
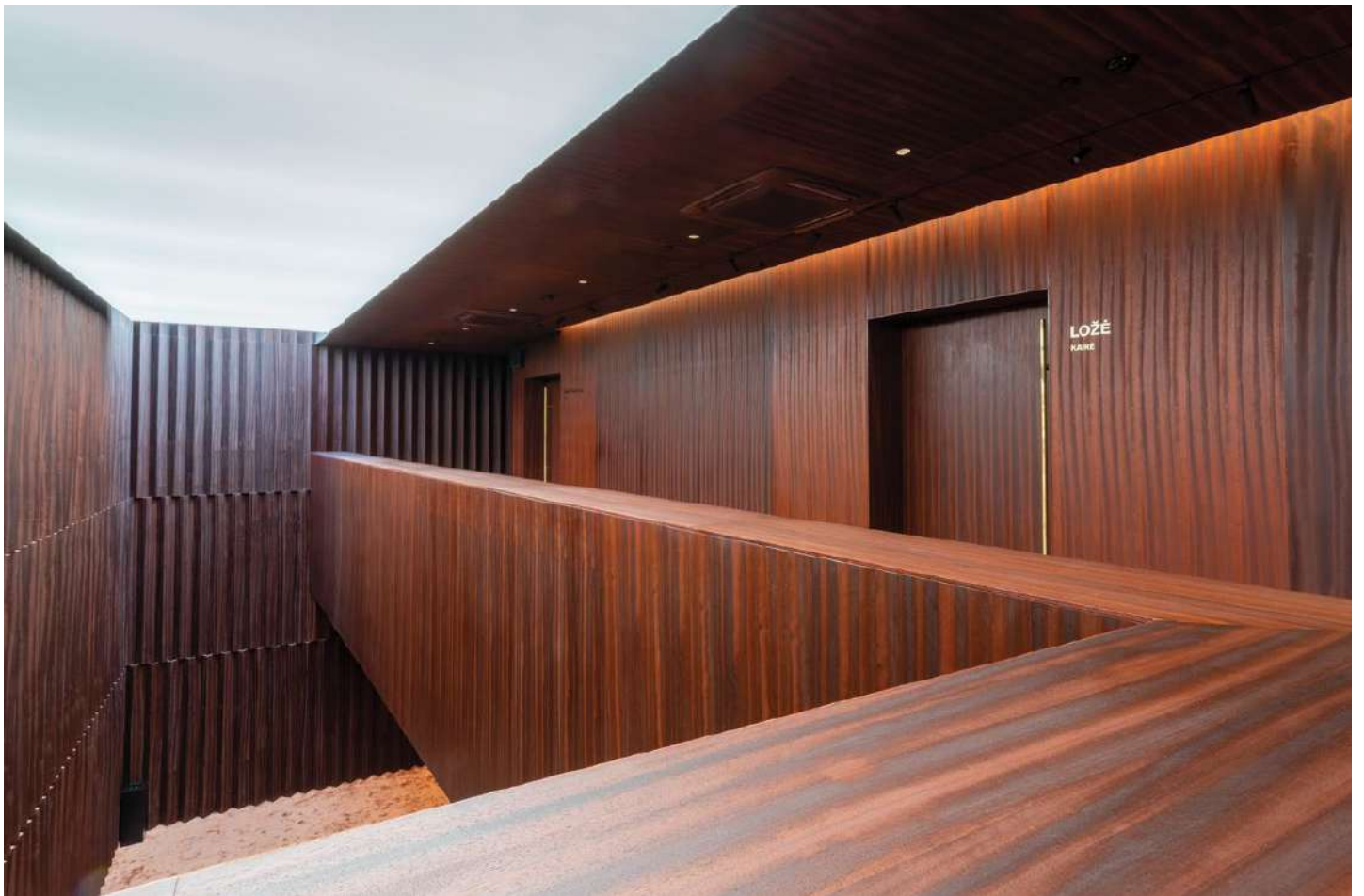




National Drama Theatre

Acoustic engineer	Architect	Location	Year of implementation	Square meters of product used	Project duration
Akustika plus	Kančo studija	Vilnius	2021	~2444 m²	460 days

The National Drama Theatre in Vilnius has been renovated to strengthen its role as a key cultural venue in Lithuania. The updated walls and ceilings feature A2-s1,d0 fire-rated acoustic panels, finished in natural wood veneer Padouk and engineered black Birch, along with unique geometric patterns that enhance the theater's modern look. Specialized frameworks and custom aluminum profiles were used to create complex 3D effects, providing audiences with an engaging atmosphere while ensuring excellent sound quality and safety.

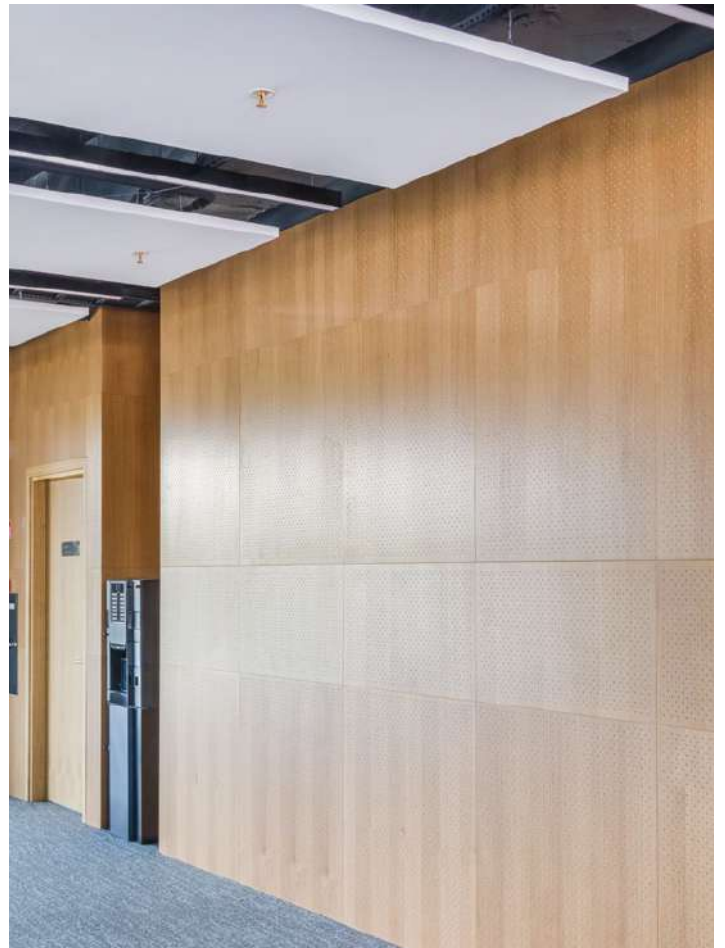




Vilnius Airport VIP Terminal

Acoustic engineer	Architect	Location	Year of implementation	Square meters of product used	Project duration
Akustika plus	Vilniaus Architektūros Studija	Vilnius	2020	~327 m²	70 days

The new Vilnius Airport VIP Terminal features two main areas: a presidential waiting room and a conference hall, each crafted for elegance and exclusivity. The interior walls and ceilings are clad in high-performance, A2-s1,d0 fire-rated acoustic panels, finished in natural oak and walnut veneers. This interior brings together style, functionality, and safety, setting a new standard in comfort for VIP travelers.

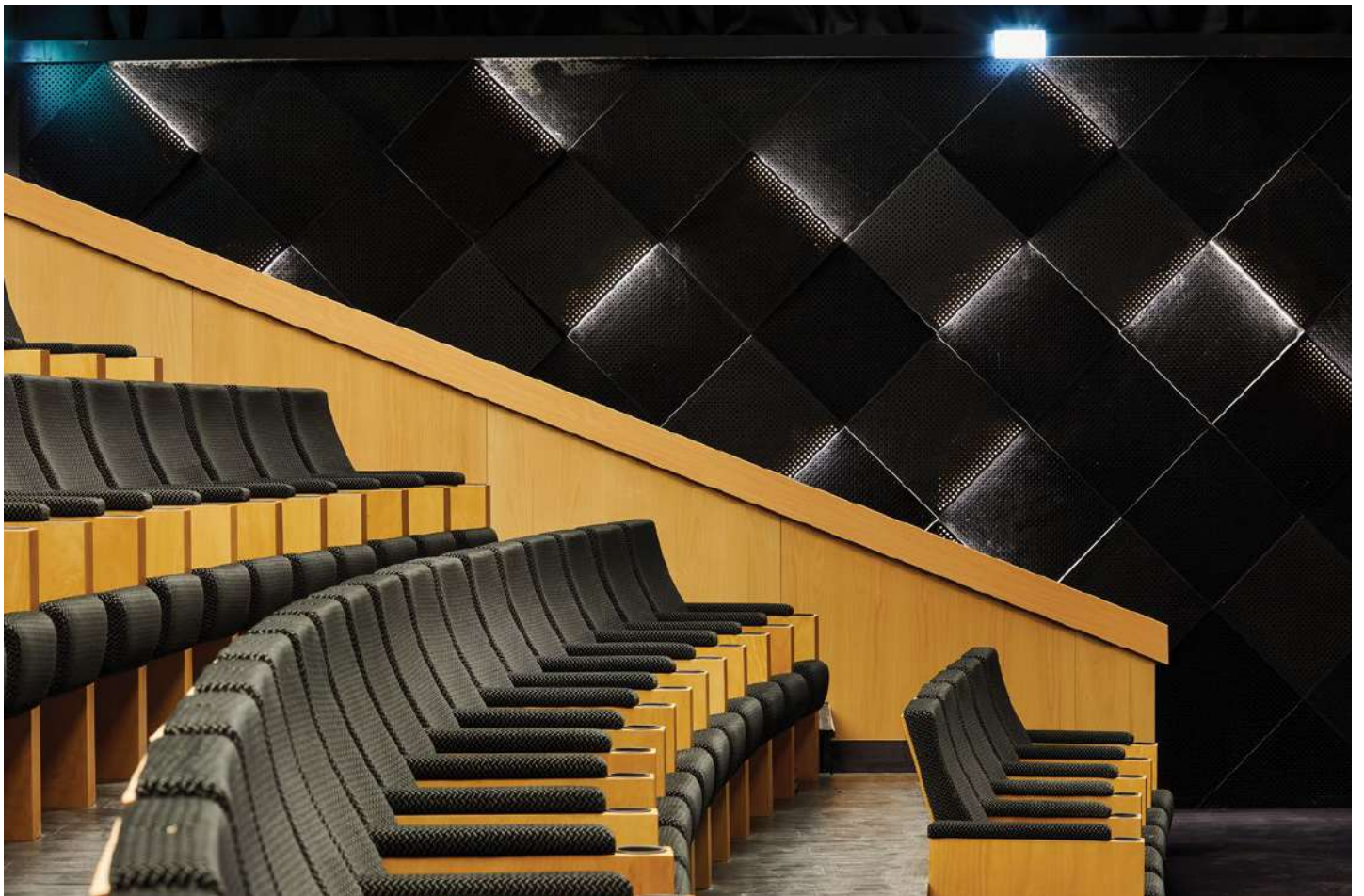




Romuva Cinema

Acoustic engineer	Architect	Location	Year of implementation	Square meters of product used	Project duration
Akustika plus	Erdvės norma	Kaunas	2020	~188 m²	54 days

The Romuva Cinema in Kaunas, Lithuania, is the country's oldest operational movie theater, welcoming audiences since 1940. In 2022, the cinema underwent an extensive renovation to preserve its historic charm while adding modern functionality. As part of this project, 3D acoustic elements with black-painted perforated oak veneer were installed on the side walls, with beech veneer accents on the perimeter railings, enhancing both the aesthetics and acoustic quality of the space.





WAVE office building

Architect	Location	Year of implementation	Square meters of product used	Project duration
A2SM	Vilnius	2020	~422 m²	85 days

The “Wave” office building on Savanorių Street 5 in Vilnius showcases a sophisticated interior design, featuring engineered walnut veneer panels with A2-s1,d0 fire rating. We supplied a unique combination of plain and nanoperforated panels, arranged in a layout that emphasizes irregular sizes and rhythm, creating a dynamic visual flow throughout the space. This design approach not only enhances the building's modern aesthetic but also contributes to its acoustic performance, blending functionality with style.



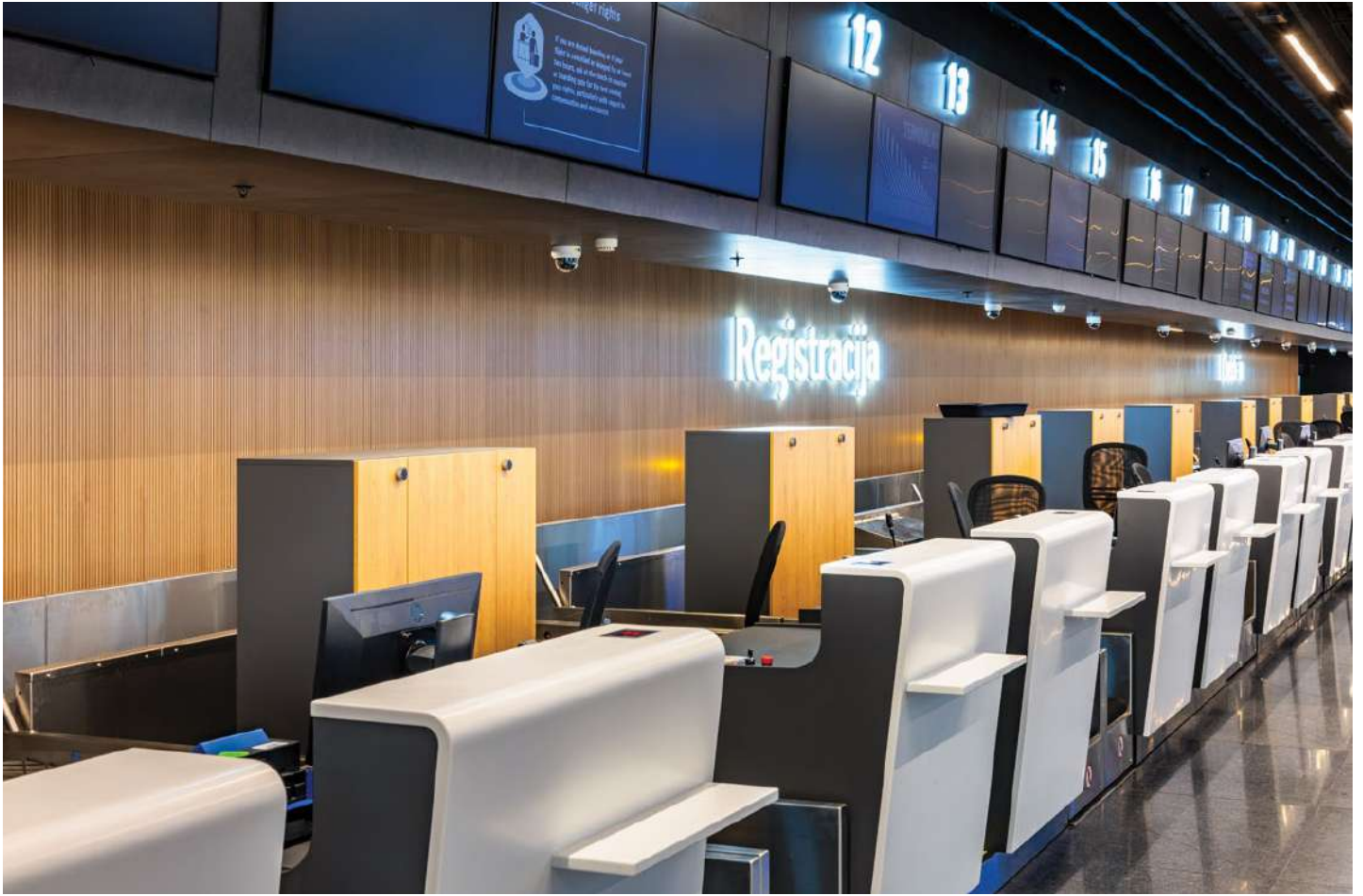


New departure terminal at Vilnius airport

Main contractor	Architect	Location	Year of implementation	Square meters of product used	Project duration
Eikos statyba	Vilniaus architektūros studija	Vilnius	2025	~1000 m²	3 months

The new terminal at Vilnius Airport features advanced acoustic solutions designed to combine aesthetics with superior sound absorption. The wall panels and lath system are finished with natural oak veneer, bringing warmth and elegance to the space.

Perforated acoustic panels enhance the design with oak veneer surfaces, a black-painted fibergypsum core and black acoustic fabric, delivering excellent sound absorption.





Business center & arena

Main contractor	Architect	Location	Year of implementation	Square meters of product used	Project duration
Gilesta	2 Bricks	Vilnius	2025	~534 m²	3 months

For the project at Dariaus ir Girėno st. 40 in Vilnius our company supplied custom acoustic and decorative paneling solutions tailored to strict fire safety requirements.

Atrium and elevator lobbies were fitted with panels veneered in bleached oak, certified to A2-s1,d0 and B-s1,d0 fire performance standards according to space requirements.

VIP zones feature wall finishes made of natural walnut wood slats with acoustic textile backing and mineral wool infill to ensure excellent acoustic absorption and exclusive character to premium spaces. These solutions combine elegance, acoustic function and fire safety compliance for high-end public and private interiors.



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