



CEWOOD

WOOD WOOL PANELS

INSPIRATION CATALOGUE



Introduction



This time has been full of upheavals, uncertainty, and ubiquitous cost increases for everyone, and it has also seriously affected the construction sector, but, seeing the demand and believing in its product, CEWOOD continues its growth and expands production. In September 2022, with the participation of the Prime Minister of the Republic of Latvia Krišjānis Kariņš, a time capsule was laid in the foundations of the new factory. Expansion will allow us to achieve our ambition to be one of the top 3 acoustic panel manufacturers in the world, and it will be even easier for our customers to implement interesting and ambitious projects with CEWOOD panels.

We have been pleasantly surprised by the vast variety of projects completed in various countries around the world, each being unique and interesting, and it is becoming increasingly more difficult to select projects to include in the CEWOOD inspiration catalogue. We are proud of each one and hope they inspire construction and design professionals as well as DIYers.

Assembly House at the Garden of Destiny

Location:

Koknese, Latvia

CEWOOD products:

CEWOOD Acoustic panels

Wood wool: 1.5 mm

Panel thickness: 25 mm

Panel dimensions: 2400 x 600 mm

Colour: Black

Profile: P0

Fastening: screws

Area: 510 m²

Photo: Māris Šmits





The Assembly House is one of the central objects of the Garden of Destiny. Its design was developed by the Architects Office "Arhis arhitekti". The building is shaped like a mountain or the beginning of a bridge, symbolically embodying the idea of the Garden of Destiny – going from the past to the future. The building is expected to be used as a community centre, and it has multi-purpose halls.

A sustainable approach has been used in the construction of the building, using a local raw material – dolomite – as much as possible in the wall finishing of the building, while the southern façade is glazed allowing the use of thermal inertia properties of glass. Much attention has been paid to natural ventilation and the use of green energy. Given this set-up, the only logical choice for the ceiling finishing is CEWOOD panels, which are 100% natural and meet all the sustainability requirements of the project. The ceiling solution creates a special accent, where CEWOOD black panels contrast tastefully with wooden beams. We are honoured to be a part of this project.



Zunda Towers, office HRMNY

Location:
Riga, Latvia

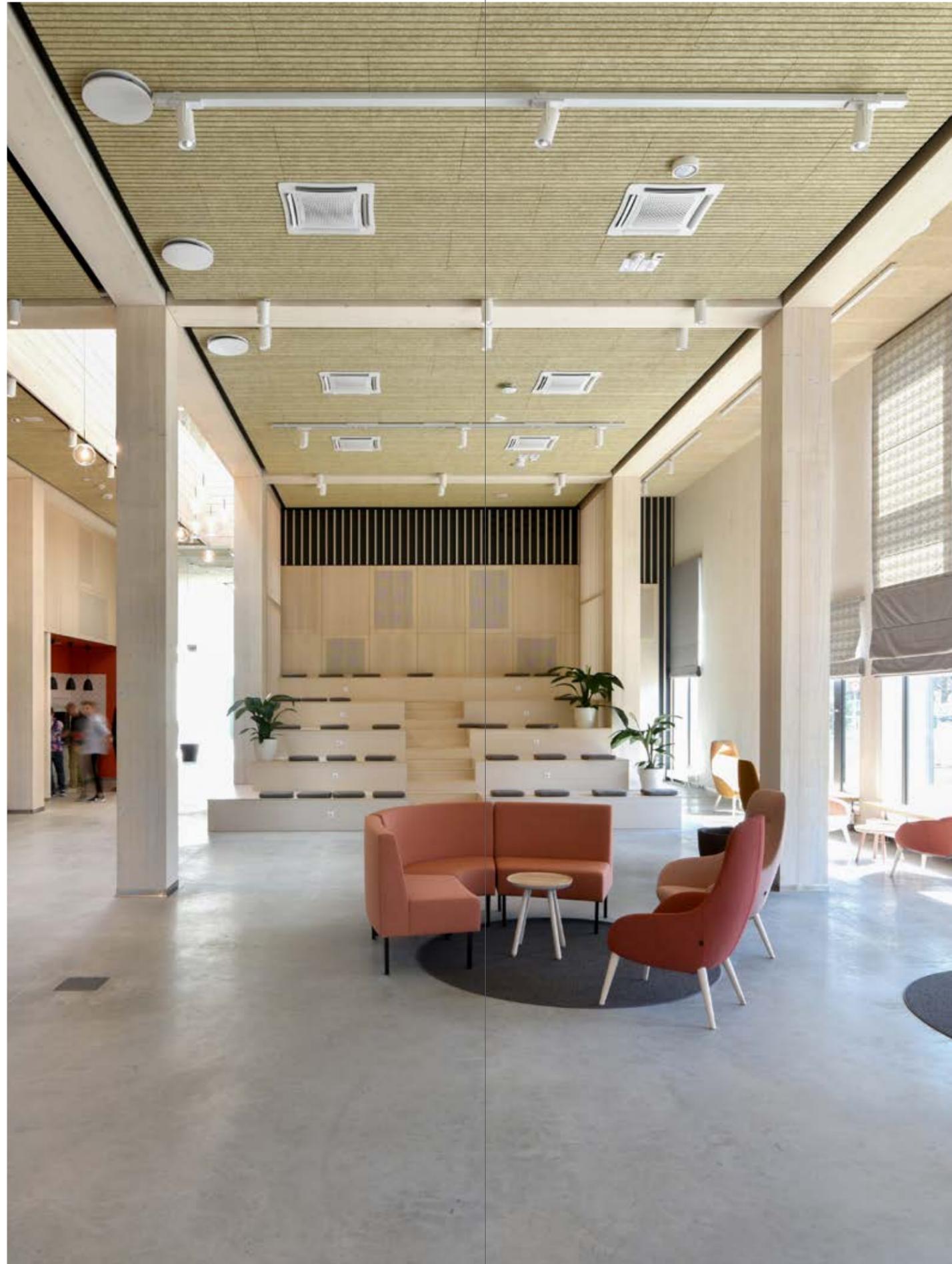
CEWOOD products:
CEWOOD Lamellas
Wood wool: 1.0 mm
Panel thickness: 25 mm
Panel size: 400 - 160 mm x 80 mm
Colour: White
Product amount: 640 constructions

Photo: Māris Šmits



The tallest buildings in Latvia and one of the tallest complexes of buildings in the Baltic States – Zunda Towers – demand full attention in the skyline of Pārdaugava. It is formed of two circular section towers with different base areas and sporting 30 stories. This is the first multifunctional complex in Latvia, combining apartments, offices, conference centres, recreation areas, multi-level underground parking lots and retail spaces. Zunda Towers are located in the centre of Riga, on the left bank of River Daugava, where the energy of a 21st century metropolis fuses with the history and traditions of the 800-year old European capital.

The ceiling of the office HRMNY features the new product of CEWOOD – lamellas (slatted cladding panels). These were custom made, because the production of nearly each lamella panel was like a separate task. Along with differing panel lengths, the suspension distance had to be ensure at 150 mm from the edge of the panel for all the 200 different lengths of panels. The length of slatted panels varies between 400 mm and 1600 mm, and they are 80 mm tall. The panels form circular rays along the entire perimeter of the hallways and meeting rooms.

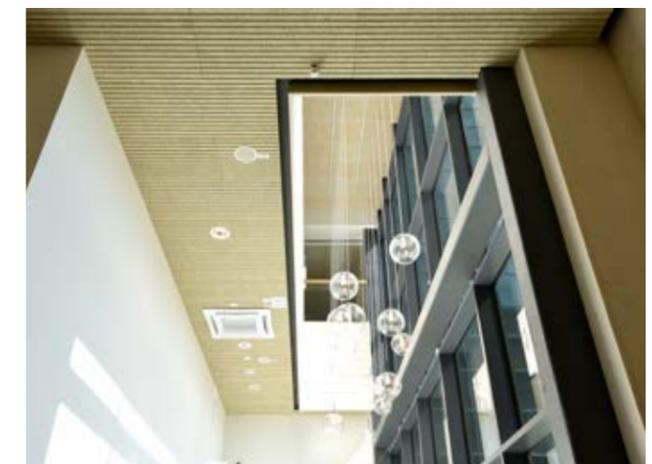


Office in Riga

Location:
Riga, Latvia

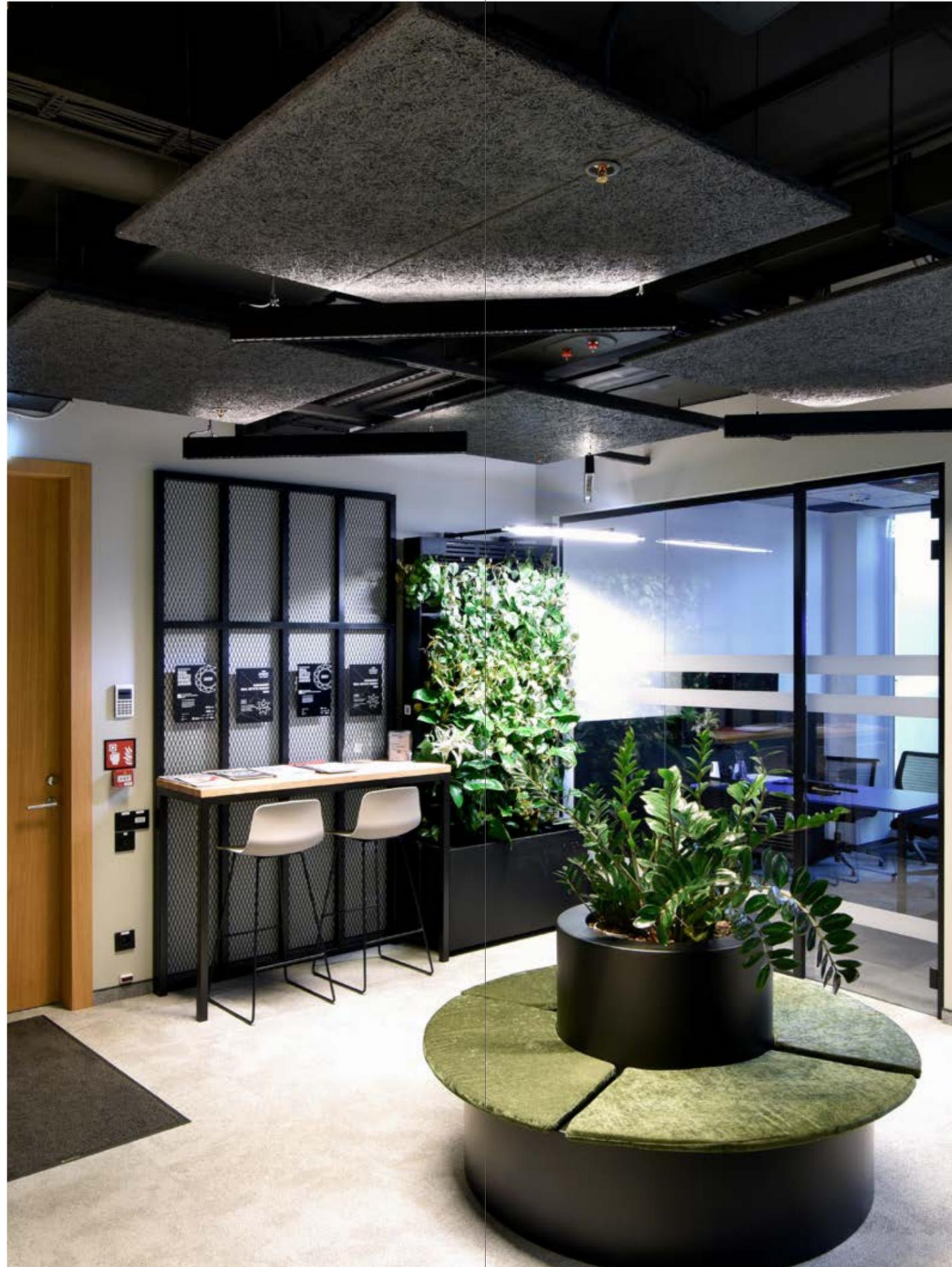
CEWOOD products:
CEWOOD Acoustic panels; CEWOOD Barcode panels
Wood wool: 1.0 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm
Colour: Natural painted
Profile: P0
Fastening: screws
Area: 400 m² Acoustic panels; 320 m² Barcode panels

Photo: Māris Šmits



If an office is spacious and it has high ceilings and there are many people working in it, the acoustic comfort in the office becomes essential. Comfort in this office in Riga is ensured thanks to CEWOOD Barcode and CEWOOD Acoustic panels in ceiling finishing.

CEWOOD Barcode panels offer an interesting solution; they are acoustic panels with the characteristic properties, featuring integrated horizontal lines that create an appearance similar to that of a barcode. Barcode panels as the finishing elements of modern office ceiling neatly distribute the sound and make premises stylish. The chosen natural colour of wood with matching colour screws help maintaining the sense of spaciousness and lightness in the office.

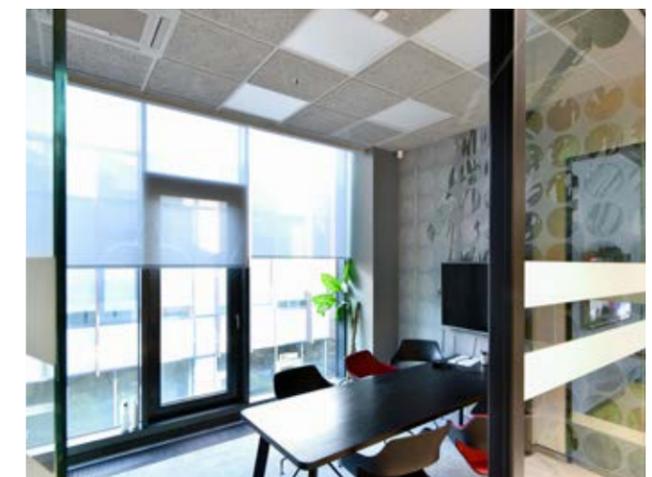
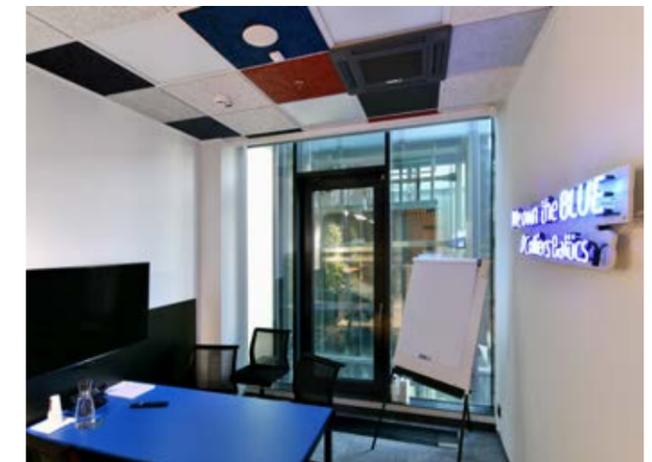


Colliers office

Location:
Riga, Latvia

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.5 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm; 600 x 600 mm
Colour: special RAL
Profile: P5
Fastening: screws, T-24 profiles
Area: 80 m²

Photo: Māris Šmits



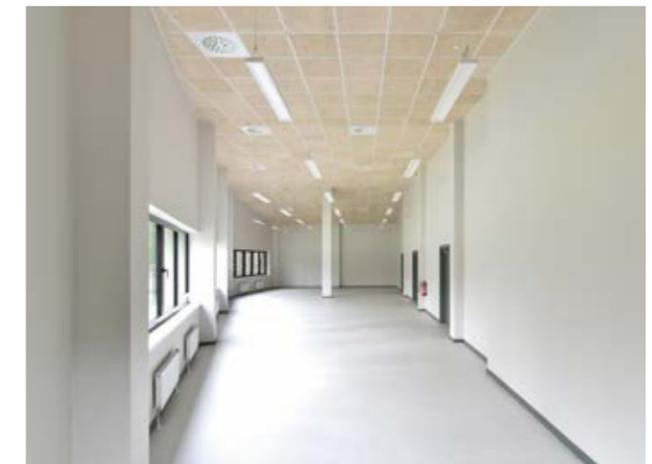


Youth House in Kauguri

Location:
Kauguri, Latvia

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.0 mm
Panel thickness: 15 mm
Panel dimensions: 600 x 600 mm
Colour: Grey, Natural
Profile: P0
Fastening: T-24 profiles
Area: 1260 m²

Photo: Māris Šmits



The youth house is the largest structure of the Kauguri Recreation Park. It is a two-storey building where adolescents can spend their free time creatively and meaningfully. The ground floor of the building also houses a music and photo studio, a resource centre and a children's playroom. On the first floor, there is a large hall, an outdoor terrace and space for an outdoor cinema. The local government plans to hire out some of these premises, for example, to set up a café.

CEWOOD panels are used in the ceiling finishing at the Kauguri Youth House – this material is one of the elements used to offer a suitable environment for creative youths. 15 mm thick, grey painted and natural-unpainted panels have been used. These are intended for installations of T24-type fitted ceiling systems.

Carnikava Elementary School

Location:
Carnikava, Latvia

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.0 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm
Colour: White, Black
Profile: P5
Fastening: screws
Area: 7000 m²

Photo: Māris Šmits

The modern, reconstructed school has 30 classrooms for 660 pupils, as well as 43 other rooms, a library with a quiet area for reading, and hallways with vast recreational spaces.

The chosen ceiling finishing material at the Carnikava Elementary School project – the CEWOOD panels – is a clear answer to questions: what will the acoustics be in every classroom and hallways over decades of the school's life? How will the employees and students feel in the new premises? What will the micro climate be? And what about the project's sustainability?





Cost-effective solutions can also be effective with regards to the interior design choices of premises, micro climate and in particular – acoustic comfort in rooms. CEWOOD panels meet 100% of all of the above listed requirements. Construction costs are reduced by at least 10–15% in comparison with conventional ceiling finishing costs. Overall gains in this case are incomparable – an outstanding interior acoustic micro climate, a harmonious environment, impeccably convenient use, 100% natural material that maintains advantages characteristic of wood.

The Carnikava Elementary School is an object that was completed only in 2022, and this is the first school year for pupils in the modern, reconstructed building.

CEWOOD panels covering an area of 7000 m² were mounted on CD profiles. The general contractor of the object SIA NEWCOM CONSTRUCTION praises the convenient and quick assembly of panels allowing to achieve an outstanding result.



School Geel Katersberg

(Stedelijke Basisschool De Katersberg)

Location:
Geel, Belgium

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.5 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm
Colour: White
Profile: P5
Fastening: screws
Area: 1476.2 m²

Photo: Albintra

The architect and the school wanted to use a design with natural products, such as wood. CEWOOD wood wool panels met this requirement, along with the budgetary criteria and the acoustic and fire safety standards required for a school project.

grüne Maja office building

Location:
Tallinn, Estonia

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.5 mm
Panel thickness: 25 mm
Panel dimensions: 2400 x 600 mm and
customised dimension panels
Colour: White, Natural
Profile: P0
Fastening: screws
Area: 365 m²

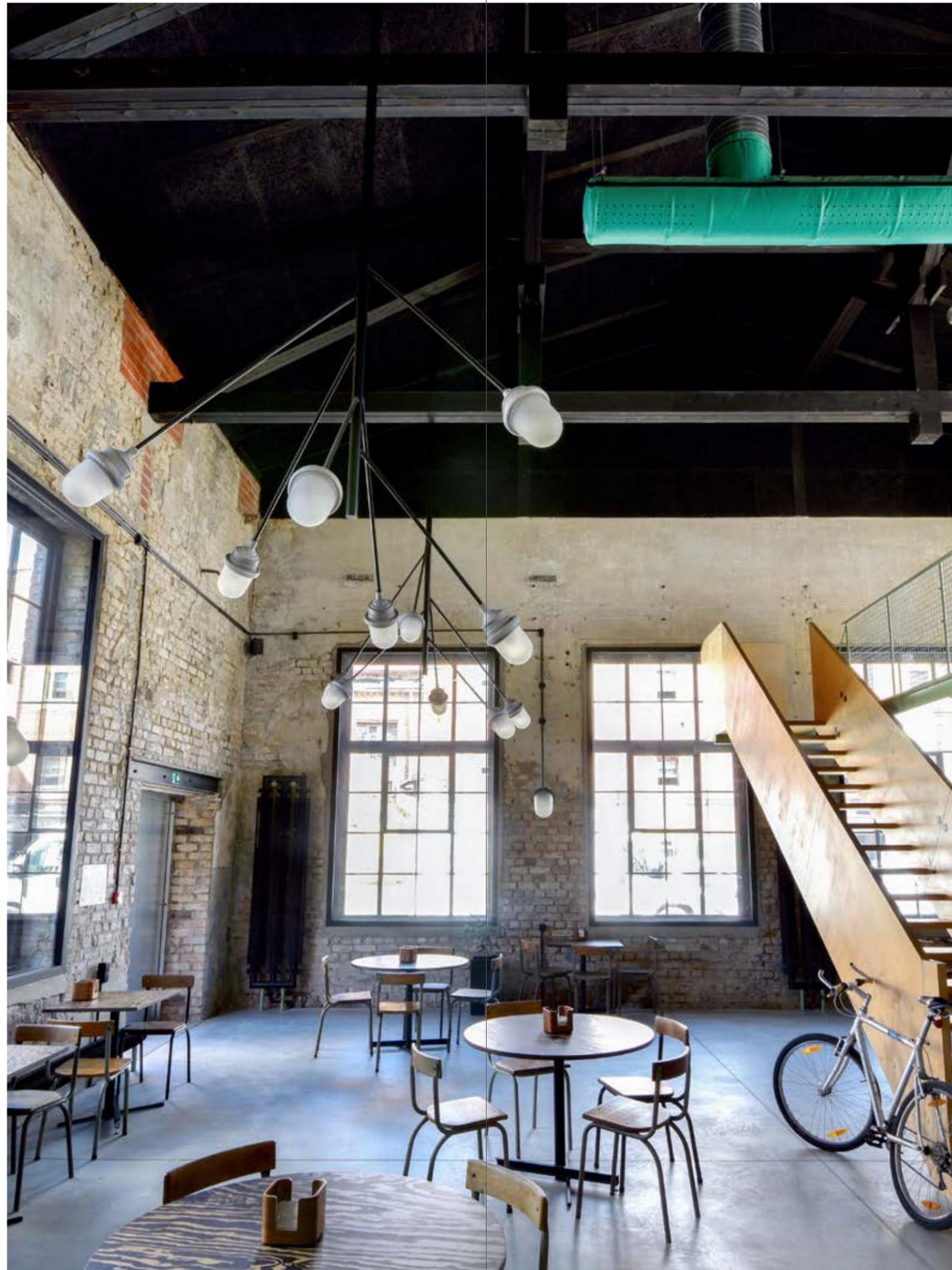
Photo: Māris Šmits





Grüne is an inspiring, modern office building for people who lead an active, green lifestyle. Grüne is a next-level office building, as it offers not only comfort in an urban setting but also eco-friendly architecture and technological solutions. For example, the building's elevation was designed as an urban garden that will grow with greenery in time and will blend naturally with the surroundings contributing both to a cleaner and more aesthetic environment. During the stage of designing and construction of the building it was conceptually associated with the nearby zoo and green areas, with a special focus on human- and environmentally friendly setting.

Although much attention was paid to the exterior solutions and fitting of the building into the surroundings, well-being of the office staff was also of essence. Interior and engineering solutions of the building were sought according to the slogan: "Let's build a better future together!" Materials with minimum carbon footprint, reduced energy consumption, heating neutrality were selected for this goal, and they are made of renewable or naturally sourced raw materials wherever possible. The choice of CEWOOD panels for the ceiling finishing that fit the concept of the premises is a logical step given the requirements.



Brewery "Manufaktūra"

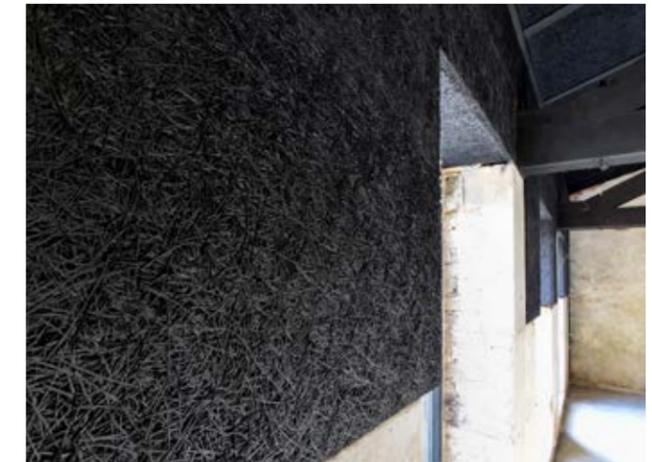
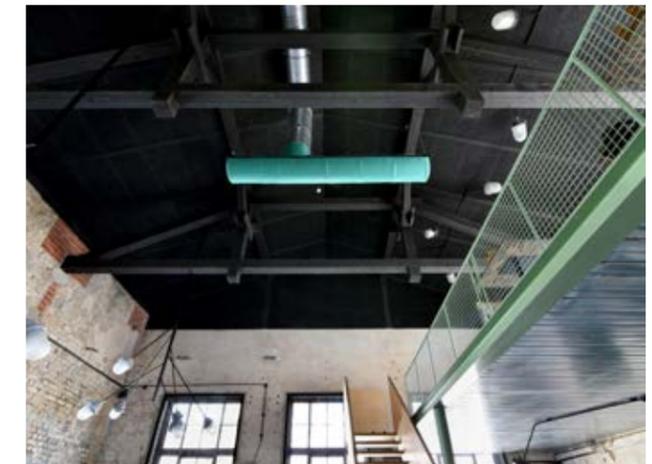
Location:
Riga, Latvia

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.5 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm
Colour: Black
Profile: P0
Fastening: screws
Area: 320 m²

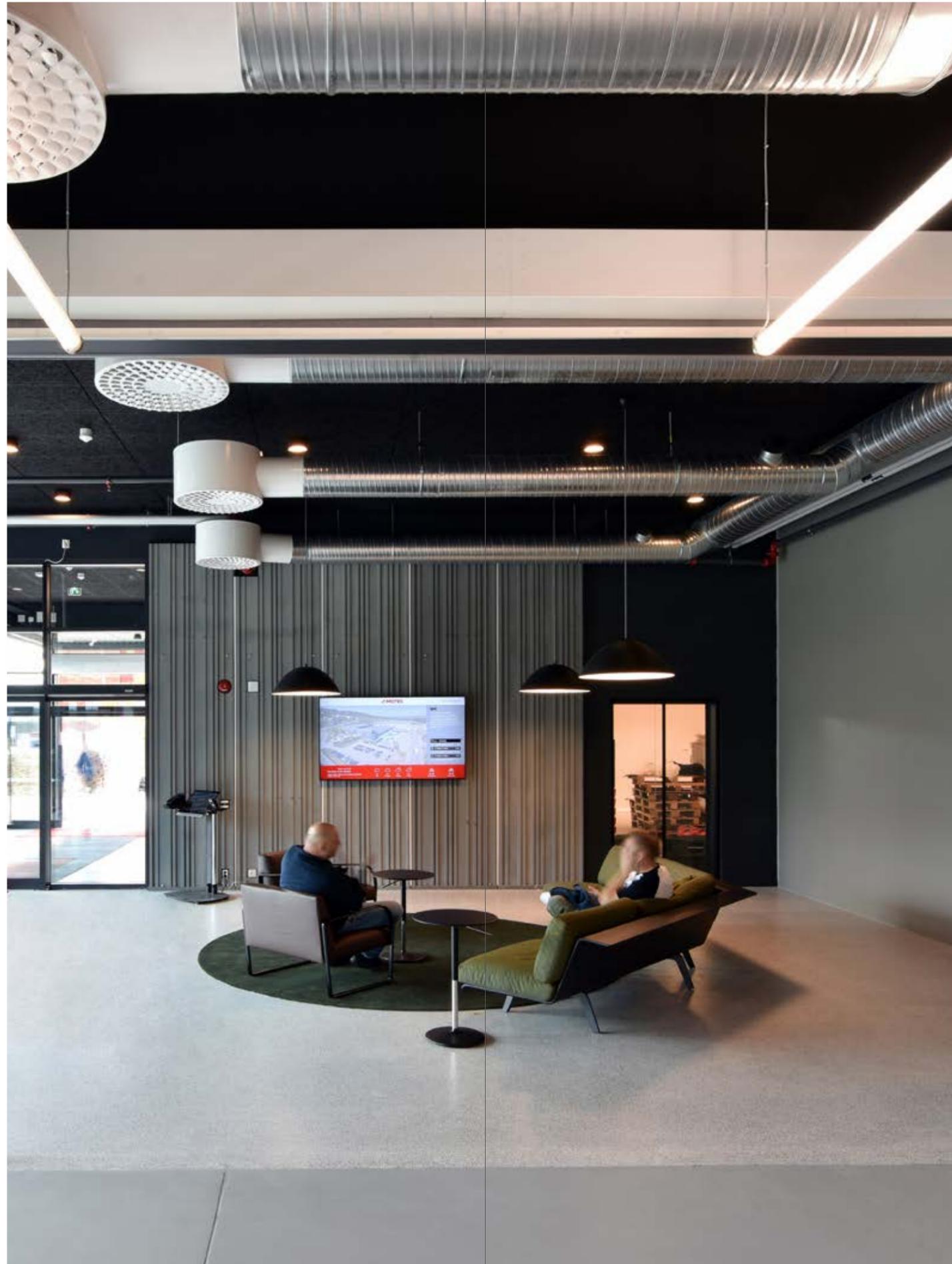
Photo: Māris Šmits

CEWOOD panels in black are selected as a finishing solution in several beer breweries in Europe. We are proud that it is the project in Riga – the brewery "Manufaktūra" – that was selected as one of the winners for the Latvian Architecture of the Year Award in the category "Objects: Rebuilding and Transformation, Reconstruction or Restoration of Heritage".

The brewery is located within a historic manufacturing building adapted for the needs of a brewery and a bar. Even though the building might seem unimpressive, it has had a long life and seen several reconstructions, and this is what



the project concept authors wanted to underline. The diverse construction approaches from different eras are emphasized in the brewery building, by adding something new and modern to it. This has allowed to combine the historic elements of the building with modern ones, by supplementing with solutions to enhance the functionality of the building. The visual image of the building is intended as a manifestation of sustainability and reuse. The interior design, too, includes pre-owned furniture and such that is made of materials found within the territory of the building. The dark CEWOOD ceilings add an accent, a backdrop and ambiance for the space, authentic luminaries and interesting furniture.

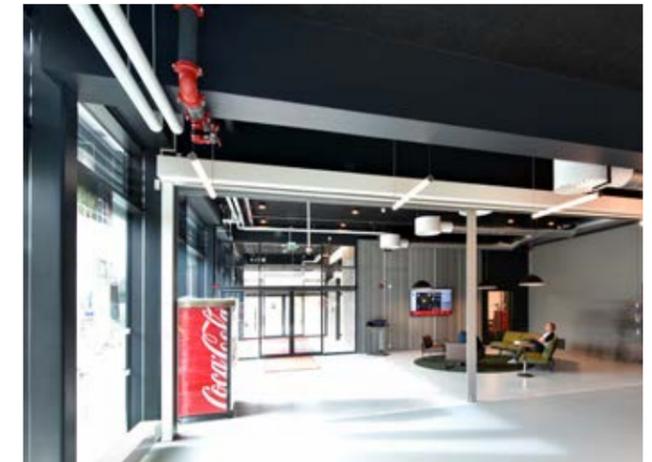


Motek storehouse

Location:
Oslo, Norway

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.5 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm
Colour: Black
Profile: P5
Fastening: screws
Area: 650 m²

Photo: Māris Šmits



Moteks new storehouse is a store, with the highest environmental requirements. Among other things they have beehives, solar cells and large green areas on the roof. CEWOOD panels were a natural choice for the store because of their environmentally and health friendly benefits.



Cafe Glendeloka

Location:
Cesis, Latvia

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.5 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm
Colour: Natural
Profile: P5
Fastening: screws
Area: 154 m²

Photo: Māris Šmits

Cafe Cadets de Gascogne

Location:
Riga, Latvia

CEWOOD products:
CEWOOD Acoustic panels – Wood wool: 1.5 mm; Panel thickness: 15 mm; Panel dimensions: 595 x 595 mm; Colour: Black; Profile: P0; Fastening: T-24 profiles; Area: 52 m²
CEWOOD Barcode panels – Wood wool: 1.0 mm; Panel thickness: 25 mm; Panel dimensions: 1200 x 600 mm; Colour: Black with 12 milled grooves and wooden slats; Profile: P5; Fastening: screws; Area: 6 m²

Photo: Māris Šmits





Residential complex

Location:
Tallinn, Estonia

CEWOOD products:
CEWOOD Acoustic panels A2 (with increased fire resistance)
Wood wool: 1.5 mm
Panel thickness: 25 mm
Panel dimensions: 2400 x 600 mm
Colour: White
Profile: P0
Fastening: screws
Area: 420 m²

Photo: Māris Šmits

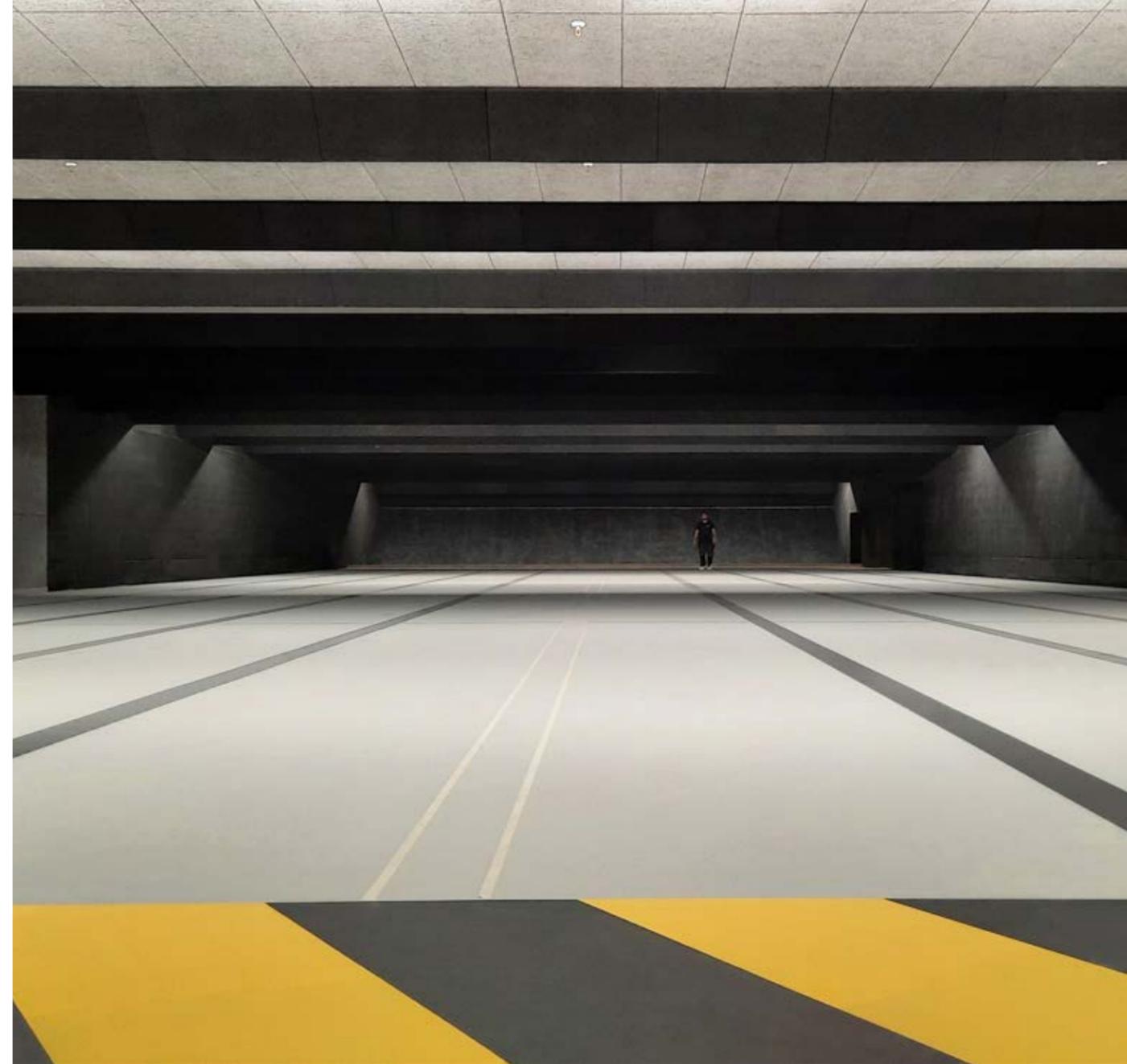
Grocery store Sena Bode

Location:
Jurmala, Latvia

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.5 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm
Colour: Black, Natural
Profile: P5
Fastening: screws
Area: 480 m²

Photo: Māris Šmits





Ensjø square residential building

Location:
Oslo, Norway

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.5 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm
Colour: Natural
Profile: P5
Fastening: screws
Area: 950 m²

Photo: Māris Šmits

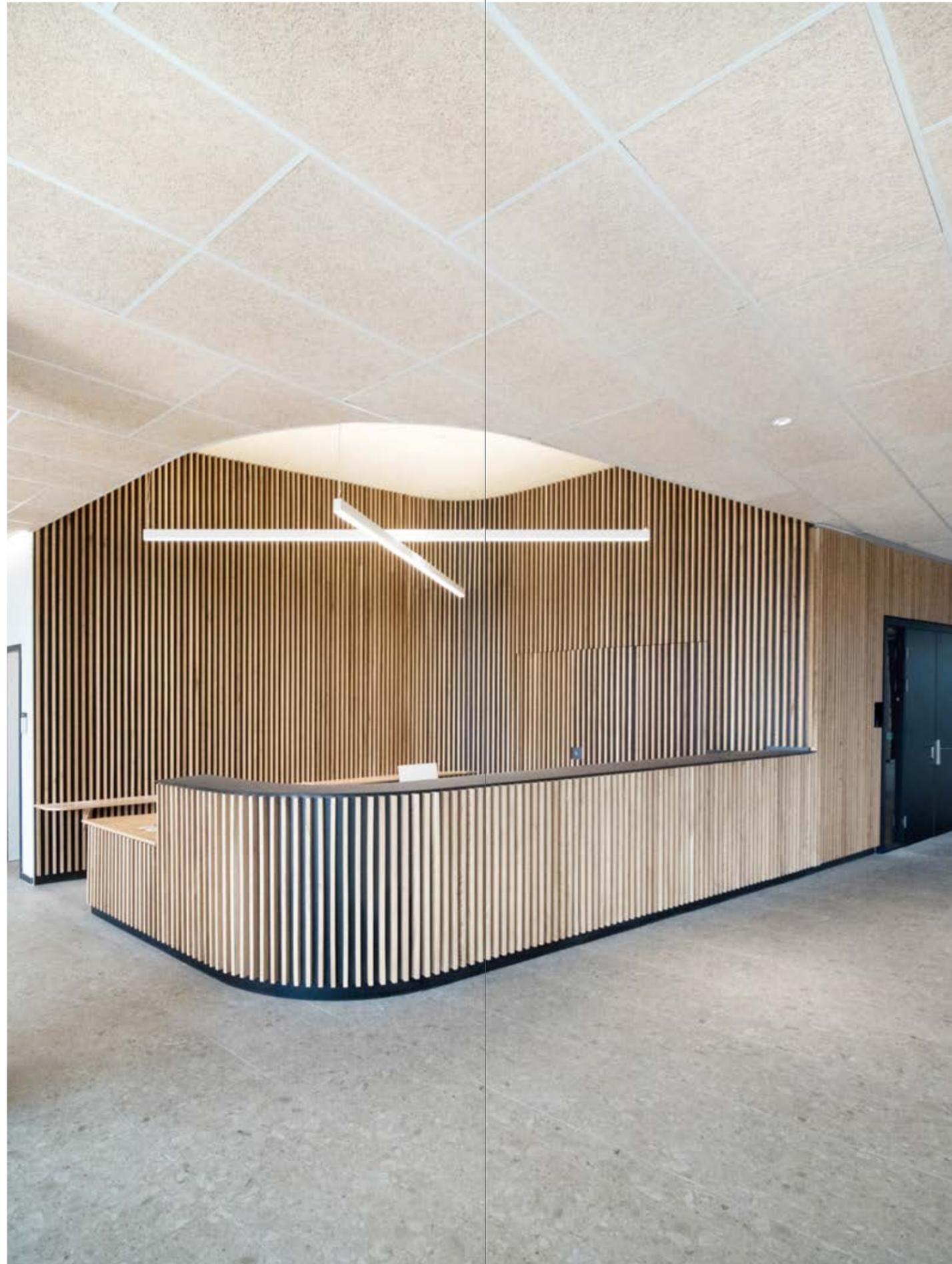
Shooting range Post X

Location:
Berchem, Belgium

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.0 mm
Panel thickness: 50 mm
Panel dimensions: 1200 x 600 mm
Colour: Grey
Profile: P5H
Area: 1411.2 m²

Photo: Albintra





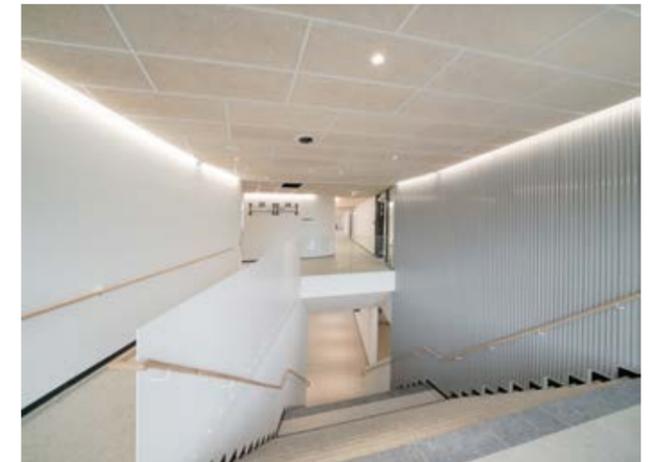
“House of Science & Engineering” (HoSE)

Location:
Vienna, Austria

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.0 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm
Colour: Natural painted
Profile: P0 and P0G
Fastening: screws, T-24 profiles
Area: 8900 m²

Photo: Isolith

“House of Science & Engineering” (HoSE) is an extension of the FH Campus Wien University of Applied Sciences for teaching and administrative staff, which brings the technical departments together in one place and meets the growing space requirements of the University of Applied Sciences. Essentially, the technical courses of the technical departments “Building and Design”, “Packaging Technology”, “Bio-Technology”, “Bio-Engineering” etc. will be housed there.



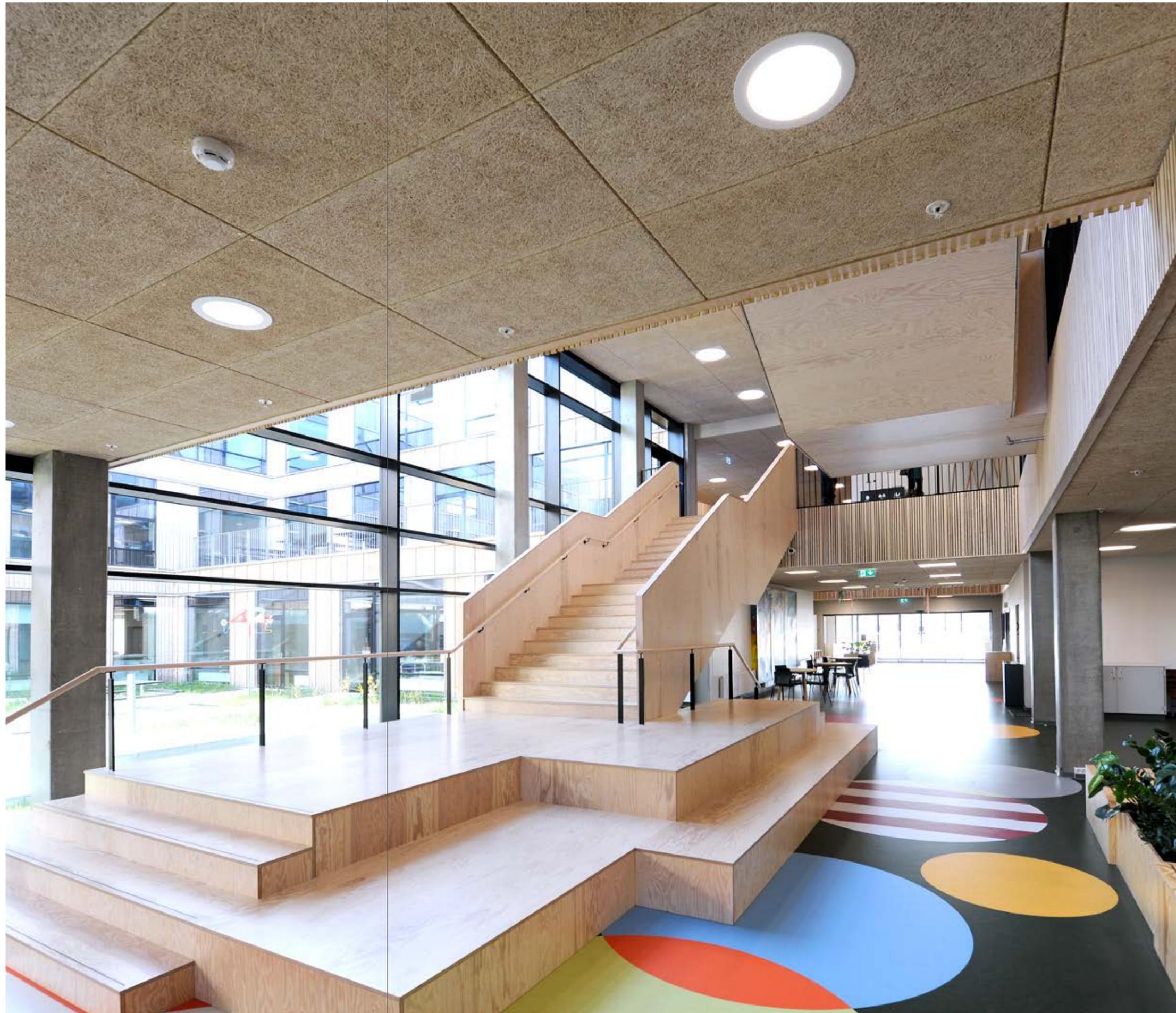
Students spend a large part of their day in educational spaces; therefore, the quality of their environment is very important for a successful learning process and a pleasant ambiance. Educational facilities have high acoustic requirements. The physical properties and manufacturing quality of CEWOOD panels allow sound absorption values to be achieved at the highest level. They offer excellent fire resistance and they are easy to install.

Brande School

Location:
Ikast-Brande, Denmark

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.0 mm
Panel thickness: 25 mm + 20 mm mineral wool
Panel dimensions: 1200 x 600 mm
Colour: RAL 1015
Profile: P5
Fastening: screws
Area: 8000 m²

Photo: TreeTops







Etisalat Misr office

Location:
Cairo Governorate, Egypt

CEWOOD products:
CEWOOD Acoustic panels
 Wood wool: 1.0 mm; Panel thickness: 25 mm; Panel dimensions: 1200 x 600 mm; 600x600 mm; Colour: Natural; Special RAL; Profile: P0-T24; Fastening: screws.
CEWOOD Design tiles
 Wood wool: 1.0 mm; Panel thickness: 25 mm; Panel dimensions: various sizes; Colour: Special RAL; Profile: P5; Fastening: gluing; Area: 480 m²

Photo: Egypro FME - Facilities Services & Construction;
Bold Egypt - Construction

Svane Kitchen office

Location:
Oslo, Norway

CEWOOD products:
CEWOOD Barcode panels
 Wood wool: 1.0 mm
 Panel thickness: 25 mm
 Panel dimensions: 595 x 595 mm
 Colour: Special NCS
 Profile: P0
 Fastening: T-24 profiles
 Area: 54 m²

Photo: Māris Šmits





Office building

Location:
Smiltene, Latvia

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.0 mm
Panel thickness: 25 mm
Panel dimensions: 2400 x 600 mm
Colour: special RAL
Profile: P5
Fastening: screws
Area: 125 m²

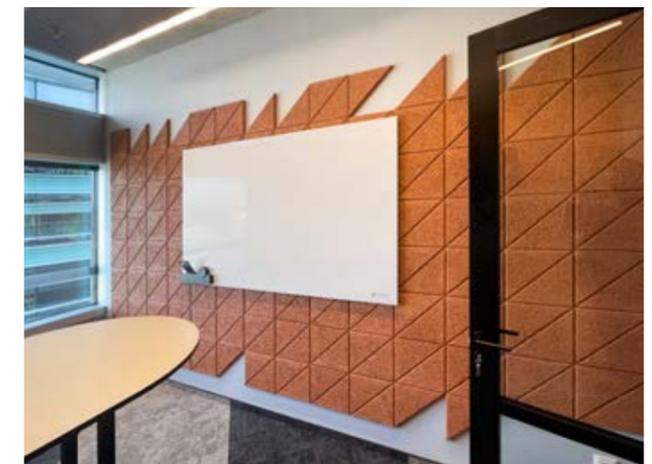
Photo: Māris Šmits

Office in Vilnius

Location:
Vilnius, Lithuania

CEWOOD products:
CEWOOD Design tiles
Wood wool: 1.0 mm
Panel thickness: 25 mm
Panel dimensions: 290 x 290 mm
Colour: Special RAL
Profile: P5
Fastening: gluing
Area: 310 m²

Photo: Māris Šmits



Library in Ravinen Culture and Family Center

Location:
Fjerdingby, Oslo, Norway

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.5 mm
Panel thickness: 25 mm
Panel dimensions: 595 x 1195 mm
Colour: White
Profile: P0
Fastening: T-24 profiles
Area: 460 m²

Photo: Māris Šmits

The Ravinen Culture and Family Center is a modern combination building with health services and cultural facilities. Cultural facilities such as a youth center, cultural school and library. In addition, there is café, a medical center and physiotherapy. Sustainability, robustness, health and brightness are the key words in choosing materials for this kind of project where all walks of life meet under the same roof in a local setting. CEWOOD Acoustical panels meet all these requirements.

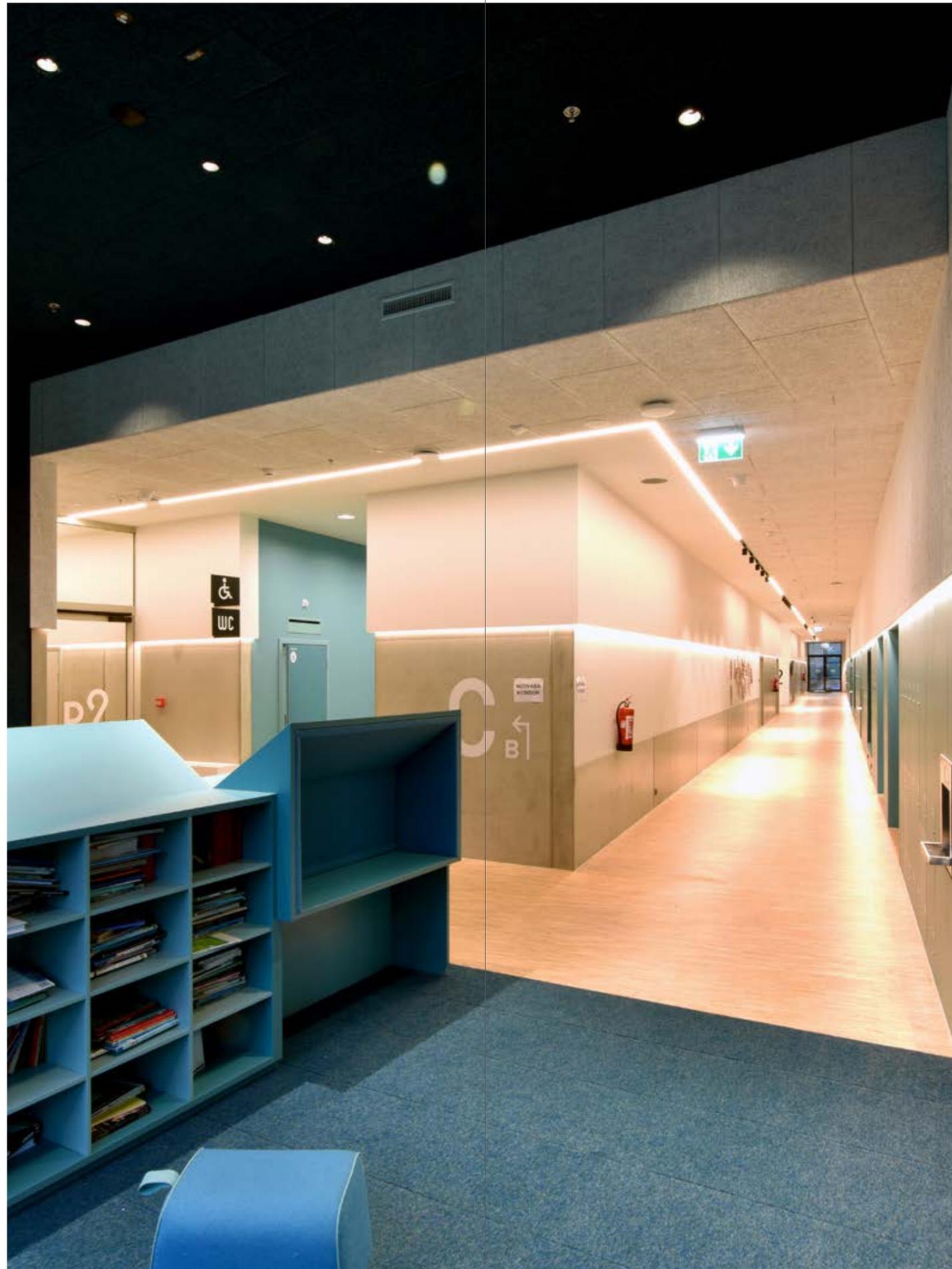


Tallinn School of Music and Ballet

Location:
Tallinn, Estonia

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.0 mm
Panel thickness: 25 mm
Panel dimensions: 2400 x 600 mm; 1200 x 600 mm;
600 x 600 mm
Colour: White
Profile: P5
Fastening: screws
Area: 2400 m²

Photo: Māris Šmits





Belss office building

Location:
Marupe, Latvia

CEWOOD products:
CEWOOD Acoustic panels
Wood wool: 1.0 mm
Panel thickness: 25 mm
Panel dimensions: 1200 x 600 mm
Colour: Natural, Grey, White
Profile: P5
Fastening: screws
Area: 1200 m²

Photo: Māris Šmits



Benefits

CEWOOD produces top quality standard and also custom-made wood wool products with excellent acoustic, aesthetic and thermal inertia properties.

All building and finishing materials are produced with special care for nature and are rooted in more than 55 years' experience of wood wool production. Due to the competitive, fireproof, durable and ecological properties of the products, they are perfect for a wide range of insulation, construction and design purposes.

ACOUSTICS – excellent sound absorbing properties

ECOLOGY – the material is produced in a nature-friendly way

AESTHETICS – a wide range of colours, textures and finishes

HEALTH – provides a good indoor and acoustic comfort

DURABILITY – easy handling, does not lose its properties over time

FIRE SAFETY – high fire safety indicators (A2-s1, d0; B-s1, d0)

CONVENIENT USE – easy to transport, process, cut, assemble and paint

100% NATURAL INGREDIENTS



Wood Wool



Portland Cement



Water

MATERIAL FOR COMFORT AND HEALTH

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