

ROCKWOOL Group case study booklet



ROCKWOOL®

IF IT'S WORTH BUILDING

At ROCKWOOL®, our goal is to protect what truly matters: families, homes, livelihoods, and the world we live in. By harnessing the power of volcanic rock, our products provide safety, comfort, and peace of mind. And with every innovation, we remain committed to this goal.

In a future often coloured by uncertainty, ROCKWOOL offers reassurance. From fire and storms to relentless wear and tear, our products stand strong - so communities can go about their lives and buildings can endure, adapt, and inspire future generations.

We believe that every space tells a story, and this case study booklet features some of our favourites. From the International Spy Museum in Washington, D.C. to a vibrant new community in Greenland, these projects enhance the places where life unfolds. Every space is an opportunity to do better: for the people inside and the world around us.

We believe that if it's worth building, then it's worth the best. **It's worth ROCKWOOL.**



**IF IT'S
WORTH
BUILDING**



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The following icons show seven defining product capabilities of ROCKWOOL stone wool. These icons appear throughout the brochure as a quick visual reference to each relevant property.



Thermal performance

ROCKWOOL stone wool gets its insulating performance from the tiny pockets of air trapped among the stone wool fibres, which prevent heat transfer, helping buildings stay warm when it's cold outside and cool when it's hot outside.



Durability

ROCKWOOL stone wool insulation can last for at least 65 years with no need for maintenance, and is unaffected by weather, humidity and temperature changes.



Fire resilience

ROCKWOOL stone wool insulation is non-combustible and can withstand temperatures above 1000°C, helping stop the spread of a building fire.



Moisture repellence

ROCKWOOL stone wool insulation repels water and resists moisture, helping to protect the long-term health of buildings and the people inside them.



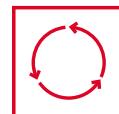
Acoustics

ROCKWOOL stone wool products improve acoustics inside rooms and help block sound from travelling through walls, contributing to making even the noisiest indoor spaces more comfortable.



Design flexibility

ROCKWOOL stone wool can be hard like stone or soft as a pillow and is easy to cut and shape, enabling it to be used in a wide range of applications and product types



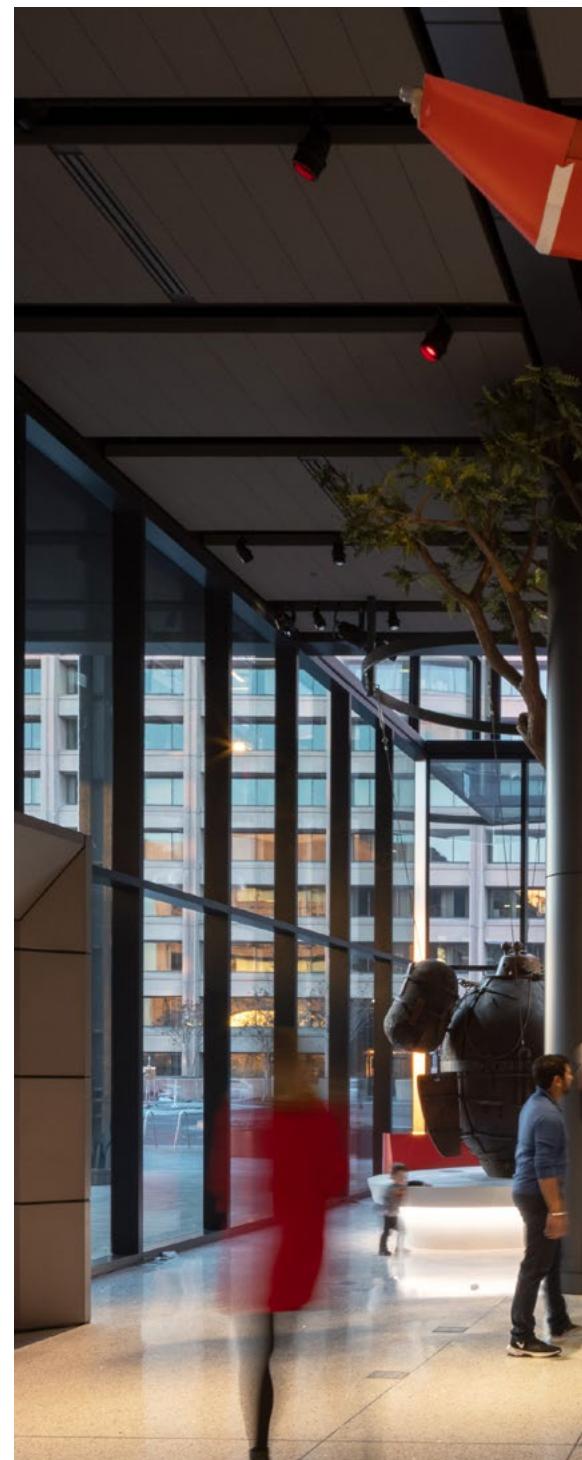
Circularity

ROCKWOOL stone wool is endlessly recyclable, meaning it can be recycled again and again without degrading its quality or performance.

International Spy Museum

USA / Museum

Walking through a building's entrance it's uncommon to feel a sense of excitement – especially on a street lined with utilitarian office buildings. But the International Spy Museum breaks that pattern. With its striking form and the promise of secrets within, it's not unusual to see an eager family, curious schoolchild, or intrigued tourist stepping inside. Sloped columns, folded metal panels, and a pleated glass veil evoke tension and intrigue before a single exhibit is seen; but for visitors, the impact of the design runs deeper. Behind the walls, ROCKWOOL AFB® and Cavityrock contribute to a safer, more comfortable experience – offering high-performance fire resilience and acoustic control. Families can explore with peace of mind, while students can engage in learning without distraction.





Project data

Location: Washington DC, USA

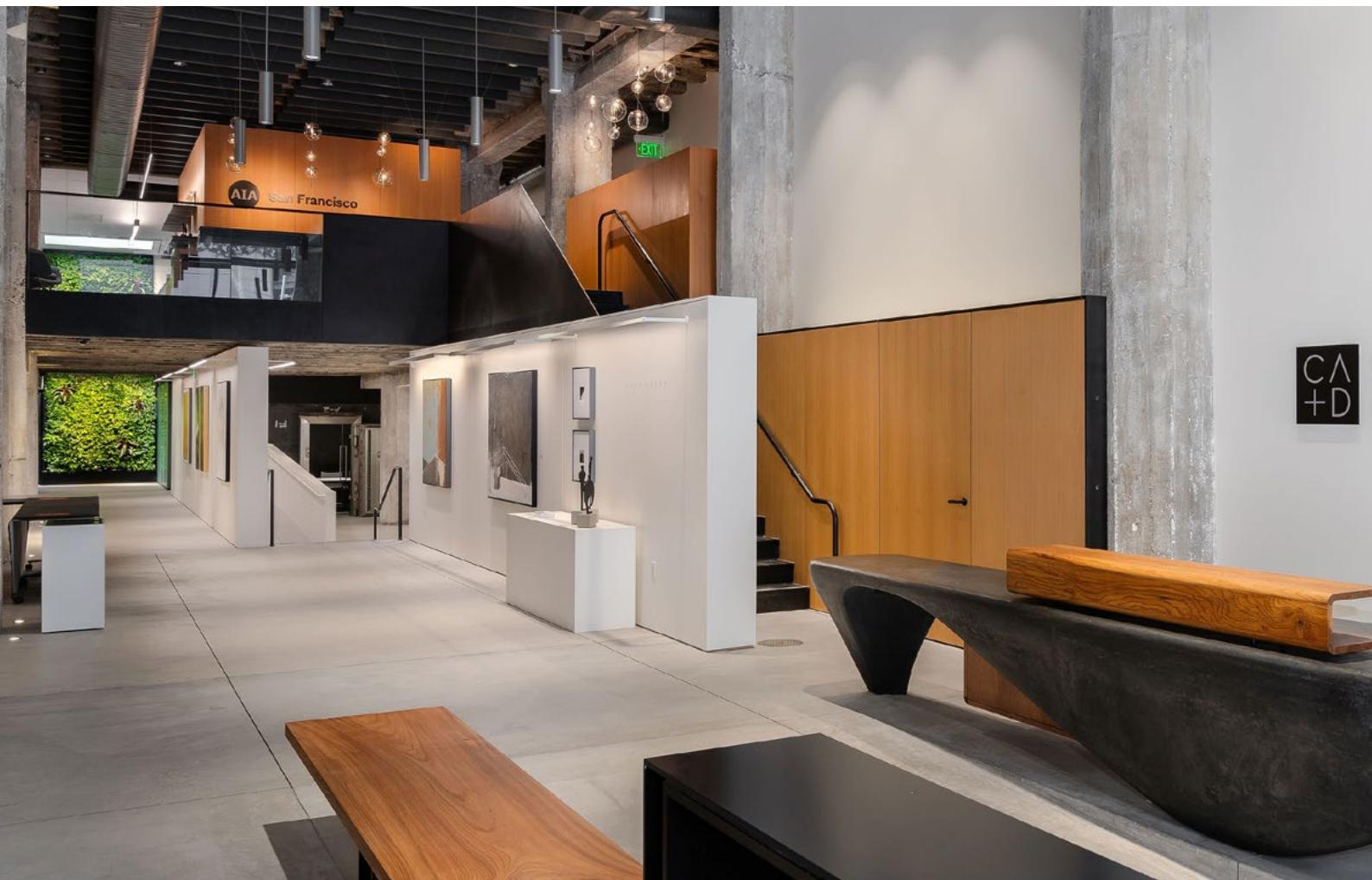
Project type: New Build

Application: Acoustical fire batt - interior insulation for fire resistance and acoustical performance.

Architect: Hickok Cole, Washington DC – Architect of Record Rogers Stirk Harbour + Partners (RSHP) London

Product(s): ROCKWOOL AFB® and Cavityrock



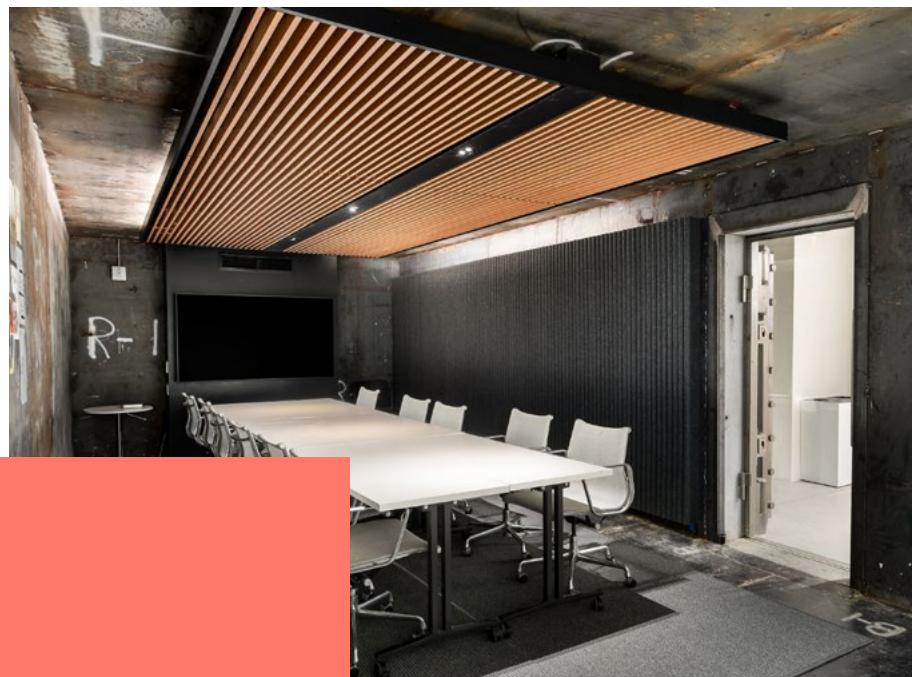
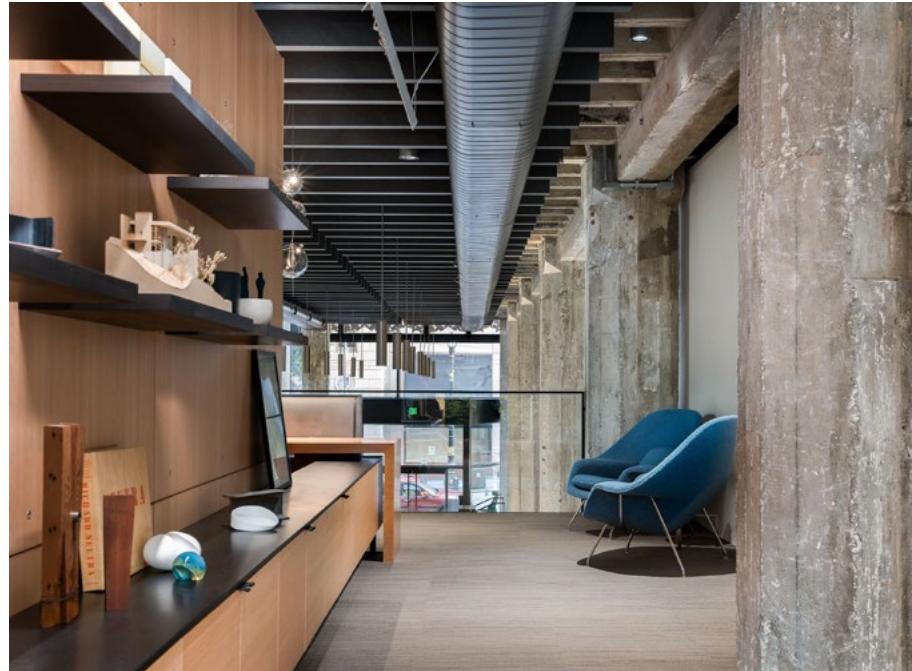


AIA San Francisco Center for Architecture + Design

USA / Renovation

For the average citizen, the built environment plays a significant role in their well-being, yet knowledge of architecture and design often remains out of reach. Making the industry more accessible, the AIA San Francisco Center for Architecture and Design moved to the street level of the Hallidie Building – its historic glass façade providing the perfect backdrop for learning and exchange. Working within the existing structure, Aidlin Darling Design celebrated original features, pairing them with sculptural installations to tell a lasting story of design. Beyond public engagement, the project also champions collaboration within industry, placing acoustics at the forefront. With ROCKWOOL sound-absorbing insulation integrated into the walls, the space comfortably hosts events, meetings, and everyday interactions. The result is a vibrant, resilient hub where architectural heritage, technical performance, and community connection come together.

CENTER FOR ARCHITECTURE + DESIGN



Project data

Location: San Francisco, USA

Project type: Renovation

Application: Acoustical fire batt - interior insulation for fire resistance and acoustical performance.

Architect: Aidlin Darling Design

Installer: BCCI

Product(s): ROCKWOOL AFB® evo acoustical fire batt



Popejoy Hall, The University of New Mexico Center for the Arts

USA / Culture

Celebrating creativity, diversity, and art, theatres play an important role in cultivating community bonds, linking people to new cultures and shared experiences. For architects at Hartman + Majewski Design Group, renovating Popejoy Hall at the University of New Mexico provided an opportunity to enhance the well-being of a community through design. Renovating the four-storey lobby, the team combined monolithic ceilings with warm wooden tones to create a comfortable, bright, and accessible space. Using Rockfon® Mono® and Planar® ceiling panels, the team elevated the sense of grandeur without sacrificing practical considerations – improving acoustics and light reflection, while ensuring patron safety through non-combustibility and resistance to mould and mildew. The result is an inspiring, inviting environment where resilience, architecture, and community thrive.



Project data

Location: Albuquerque, New Mexico, USA

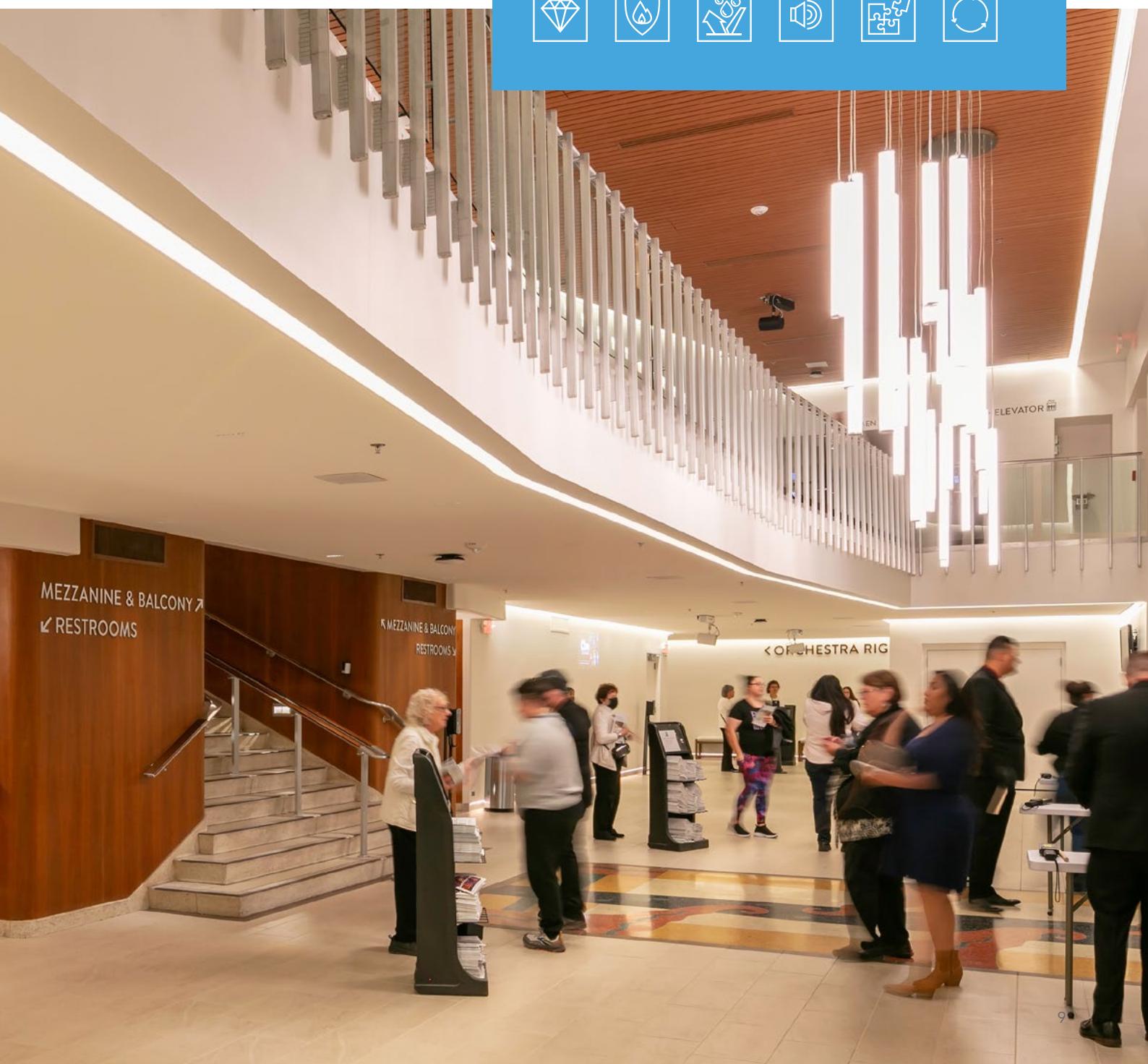
Project type: Renovation

Application: Ceiling system

Architect: Hartman + Majewski Design Group

Installer: Eagle Rock Contracting, Inc.

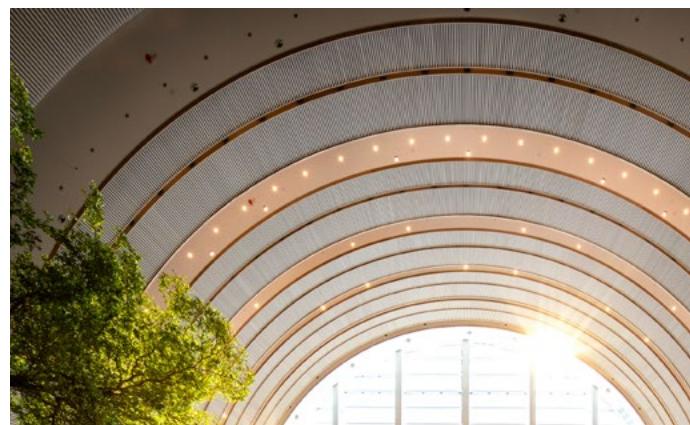
Product(s): Rockfon® Mono® Acoustic TE, Rockfon® Planar® and Planar® Plus Linear Ceilings



Forskaren Science Hub

Sweden / Commercial

Bringing together researchers, entrepreneurs, and the community to tackle global health challenges isn't just about gathering great minds – it's about fostering collaboration through space. For architects 3XN, this meant anchoring Forskaren Science Hub as a landmark within Stockholm's knowledge district. Drawing people into a generous atrium defined by light, greenery, and fluid circulation, the building is designed to encourage movement and spontaneous exchange. To support this, acoustics and light were key design drivers. Rockfon acoustic panels were integrated to enhance speech clarity, privacy and comfort, while their reflective qualities help amplify natural light and reinforce the building's open, uplifting character. The result is more than a research centre – it's a place where architecture enables connection, and where innovators can translate ideas into impact.



Project data

Location: Stockholm, Sweden

Project type: New build

Application: Ceiling system

Architect: 3XN

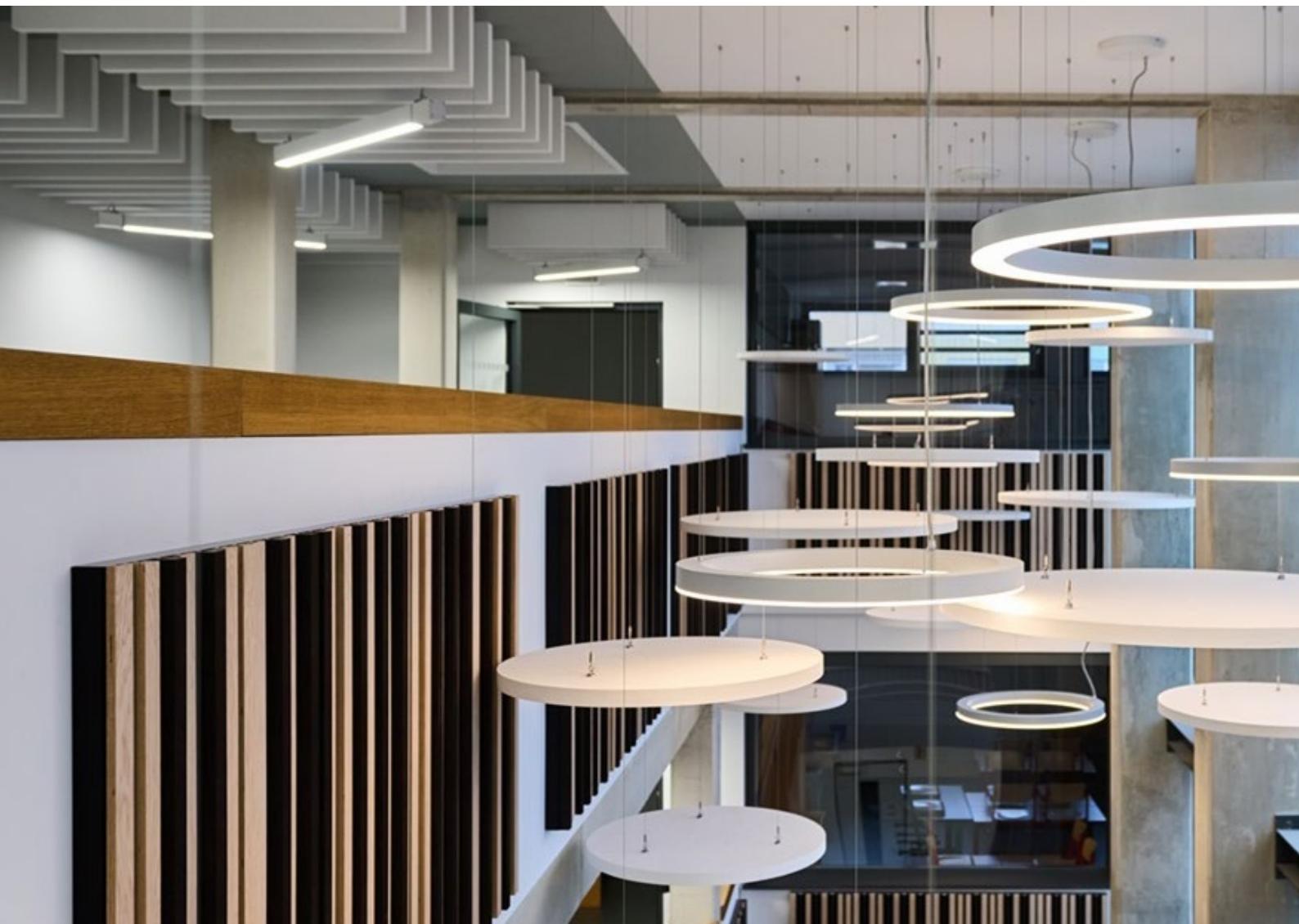
Architects for developer: Vectura Fastigheter AB

Installer: TS Akustik AB & Rönnmarks Undertak AB

Product(s): Rockfon Blanka® 1200 x 600,
Rockfon® Mono® Acoustic 1800,1200







Bobitz Elementary School

Germany / Public

Hallways and shared spaces in schools are naturally noisy – filled with overlapping conversations, constant movement, and high energy. When Bünger Ingenieure took on this project, they knew thoughtful design could dramatically shift how that noise is experienced. Building their solution around Rockfon® acoustic products, the team was able to combine architectural expression with high-performance acoustic treatments. Through visually striking elements such as frameless floating ceiling panels, vertical ceiling baffles, and wood-veneered wall panels, they did more than reduce echo – their renovation transformed the atmosphere, creating an inclusive environment with less auditory overwhelm and greater ease in social interactions. The result is a space where design and acoustics work hand in hand, shaped by architects who understand the profound impact of sound on student comfort and well-being.



Project data

Location: Bobitz, Germany

Project type: Renovation

Application: Ceiling system

Architect: Bünger Ingenieure

Installer: DE

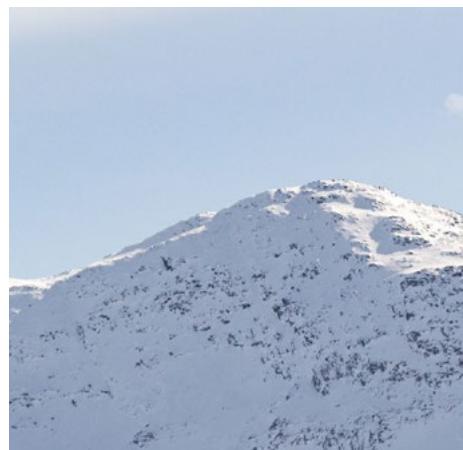
Product(s): Rockfon Contour®, Rockfon Eclipse®, Rockfon Lamella



Nuuk Façades

Greenland / Housing

Facing the ocean, with a rugged, snow-covered landscape at its back, the Akornanni community in Nuuk required more than thoughtful design – it called for deep respect for Greenland's environment and cultural heritage. For architect Thomas Riis, this meant weaving together tradition, material resistance, and social purpose to create a neighbourhood that sent a warm greeting to the past, while building resilience for the future. Using Rockpanel® Colours, he replicated the historic, brightly coloured façades of Greenlandic architecture that symbolise key community values: health, communication, supply and trade. A vibrant, durable expression of local identity, the façade is built to withstand a demanding climate – resistant to moisture, UV exposure, and inherently fire resilient. The result is a neighbourhood where residents can build a strong sense of community, knowing they're protected from the elements and connected to the heritage that surrounds them.



Project data

Location: Akornanni, Greenland



Project type: New build



Application: Façade cladding



Architect: Architect Thomas Riis

Installer: Mesterbyg

Product(s): Rockpanel Colours (RAL 3003, RAL 070 70 60, RAL 6002, RAL 8022)







Project data

Location: Aalst, Belgium

Project type: Renovation

Application: Façade cladding

Architect: Bruno Dekoning – agency ADAM

Installer: Radeca – Ward Van Seghbroeck

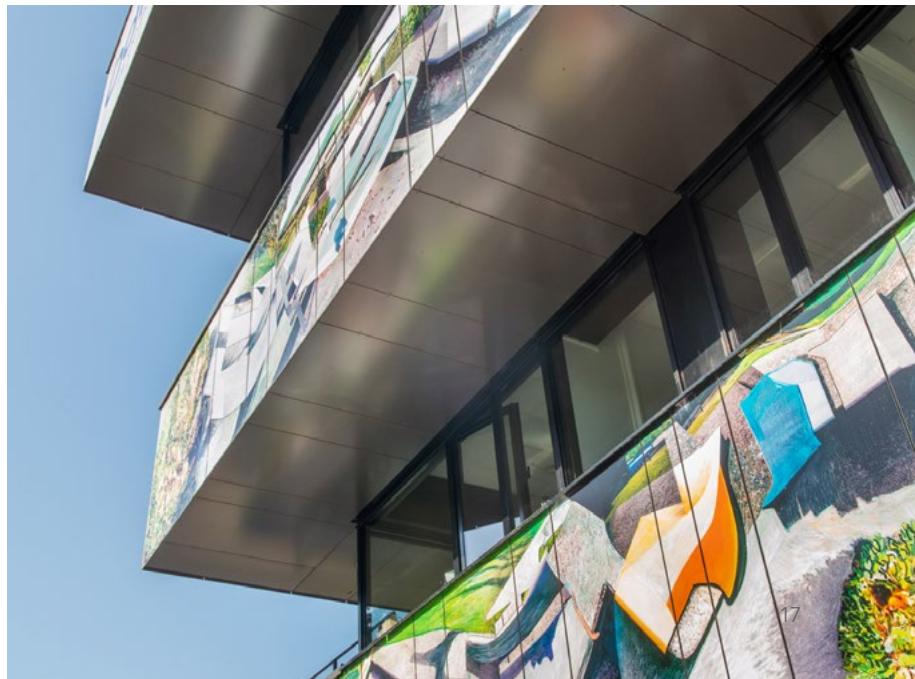
Product(s): Rockpanel Premium Colour RAL 7039 (2000 m²) + Colour PP A2 RAL 7039 (1000 m² ceiling)



Odisee Aalst

Netherlands / School

For many, university provides the first opportunity to independently form an identity – surrounded by a new environment, fresh ideas, and peers from diverse backgrounds. For architect Bruno Dekoning of the ADAM agency, this meant improving the resilience of the Odisee Aalst campus in a way that reflected the culture and identity of its students. Originally clad in a canvas painting by artist Gilles Van Schuylenbergh and inspired by life on campus, the building may not have been fire safe or insulated, but it vividly captured student life and experience. By offering a lightweight and flexible façade panel, Rockpanel created the perfect opportunity to reimagine this artwork in a way that was fire-resistant, weatherproof, and allowed for thermal insulation to be seamlessly integrated into the renovation. The result is a learning environment where architecture embodies creativity, addresses practical challenges, and builds for the future.

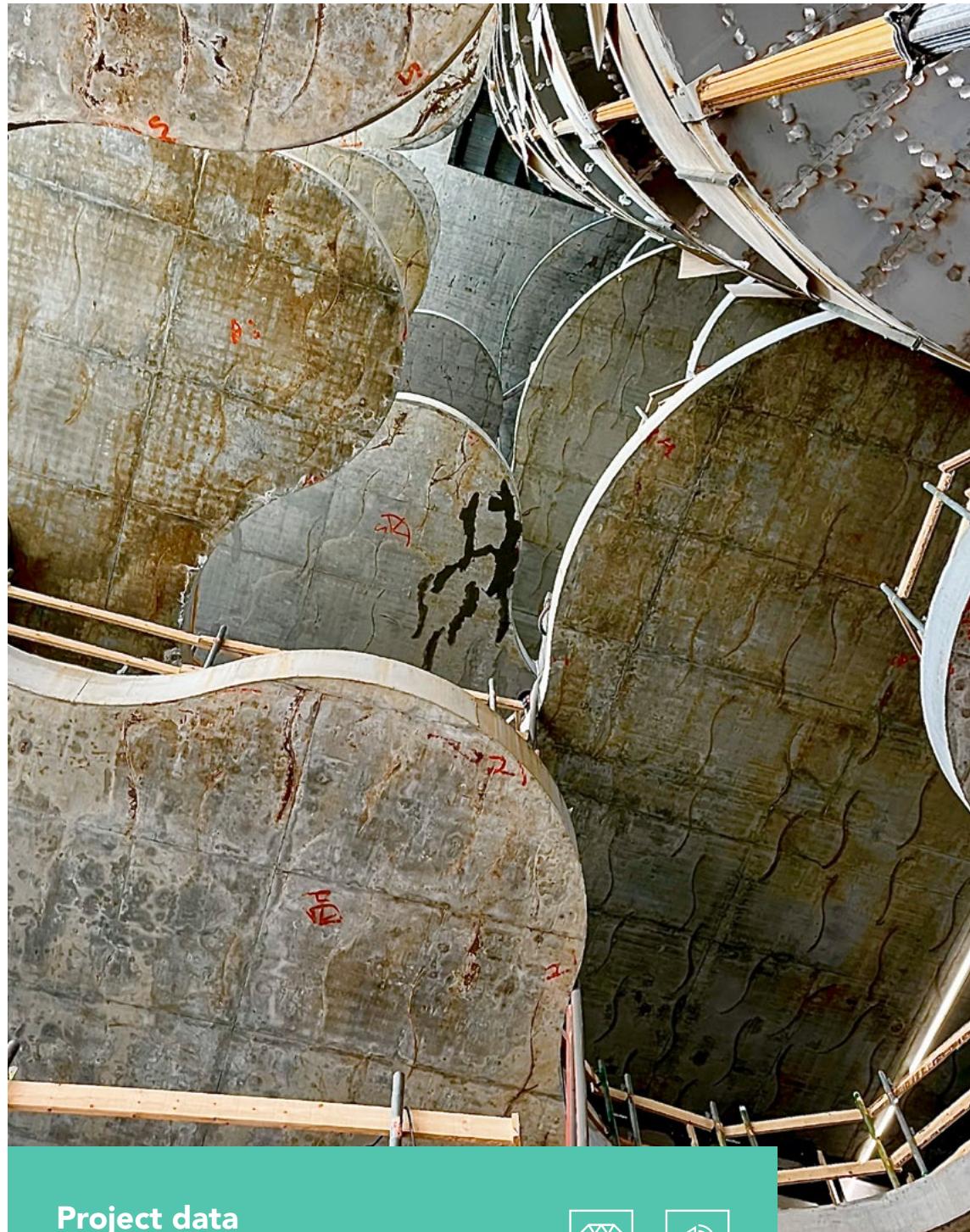


Mary Elizabeths Hospital

Denmark / Health

Hospitals are at the heart of our communities, yet for families spending time inside their walls, they can feel far removed from everyday life. This is where design becomes more than form – it becomes a part of care. For Mary Elizabeths Hospital and the paediatric treatment it delivers, this meant creating strong connections between patients, the city, and the surrounding landscape. With healing architecture at the forefront, a rooftop terrace brings a garden experience to patients as close as it would be at home – creating a place where children can play and families can feel part of the world beyond the ward. Combining form, function and safety, ROCKWOOL Toprock insulation provides strength to support the rooftop gardens, while its non-combustible qualities protect patients inside. The result is a hospital where design actively supports well-being for the whole family.





Project data

Location: Copenhagen, Denmark



Project type: New build



Application: Flat roof insulation



Architect: 3XN

Product(s): ROCKWOOL Toprock system

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ROCKWOOL Group is the world leader in stone wool products, from building insulation to acoustic ceilings, external cladding systems to horticultural solutions, engineered fibres for industrial use to insulation for the process industry and marine & offshore. We are committed to enriching the lives of everyone who experiences our products and services, and to helping customers and communities tackle many of today's biggest sustainability and development challenges including energy consumption, noise pollution, fire resilience, water scarcity, urban flooding and more.

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