

# Acoustic Solutions for Office Interiors

High-performing acoustic solutions foster productivity  
and well-being in the workspace environment



**Sounds Beautiful**



### **What will the office of the future sound like?**

As office layouts change from fixed to flexible to embrace the hybrid working trend, it's time to adapt — turning an excellent interior design into an awe-inspiring experience.

Whether it's a new build or retrofit project, this brochure is for you. You'll find the latest trends that are shaping workspace design, plus suggestions for making acoustics more than just an afterthought.

Let this easy-to-navigate booklet inspire and guide you on the course of making "well-being" the central tenet of your next office design.

Our acoustic solutions help employees concentrate while facilitate collaborations — ultimately improving productivity and well-being in the workspace.

**Parik Chopra**, Managing Director, Rockfon



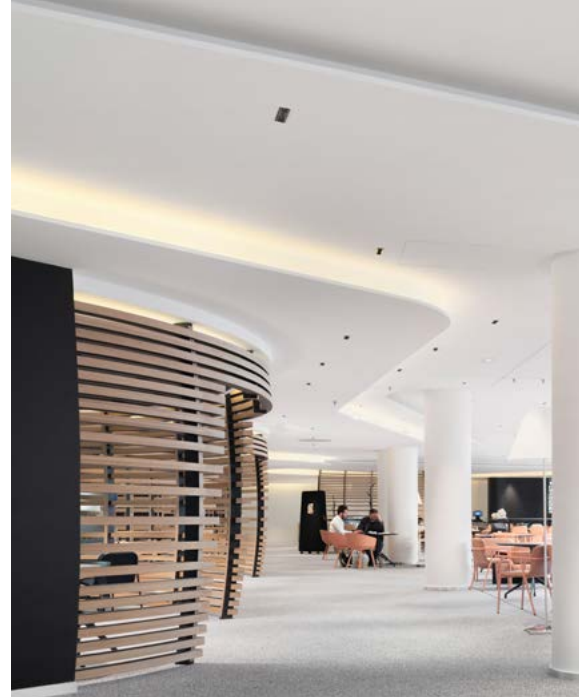
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# Key Trends in Office Design

The pandemic almost put an end to physical office spaces. Human-based office trend wants to save it.

With people getting used to working remotely, flexibility, well-being, and sustainability have become must-haves in office design. Hence, in order to make open offices more appealing and to attract and retain talent, architects and workspace developers need to grasp these key factors quickly and thoroughly.





## Flexibility 2.0

The hybrid working setup will persist. In other words, office design will need to be adjustable and adaptable to accommodate varied work styles. This also helps avoid constant renovation or waste of office spaces due to vacancy. Meanwhile, it also needs to reflect the corporate culture and identity to attract talent and convey a sense of belonging.

### How can we help?

Our products are modular, customisable, demountable, and available in multiple formats, edges, and colours. This allows them to blend in harmoniously with the interior or break the conventions to be your centrepiece. In other words, we offer full creative freedom and flexibility to future-proof your interior spaces.



## Well-being

People have become aware of the strong link between interior design and well-being. For example, noise level, natural light, air quality, greenery, colours, and texture can all affect our comfort and productivity. Furthermore, with an emerging concern around health, hygiene factors will remain high on the agenda.

### How can we help?

Apart from 60 years of experience in delivering top-notch acoustic solutions, we also design our products with well-being in mind — guaranteeing you a restful working space. In addition, our solutions also have high light reflection and best-in-class indoor climate labels. They are easy to clean, ensuring a safe, clean, and healthy environment.

## Sustainability

The office of the future is undoubtedly becoming greener, with property developers focusing on achieving sustainable building certifications. This, as a result, shines a sharper spotlight on product materials and their durability.

### How can we help?

Rockfon products are made from naturally sourced, long-lasting stone wool, with 29% to 64% recycled content in a closed-loop manufacturing process. We also have recycling systems in place as well as resources to assist in eliminating waste in landfills. By using our products, you can earn credits towards building rating schemes, while leaving positive impacts on both people's well-being and the planet.

# Design for Different Office Spaces

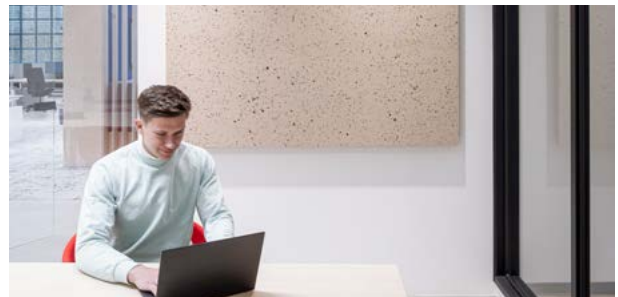


Reception area / 8

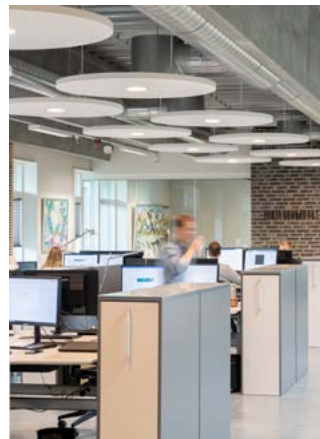


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## PEOPLE-BASED WORKSPACES

A workspace is a powerful environment to foster engagement, inspiration, innovation, and drive productivity. While the open office plan is designed with the overall purpose of facilitating collaboration and inspiring group interaction, it also needs to accommodate effective individual tasks. Hence, to recruit and retain talent, it's essential for companies to design flexible offices that centre employees and their personal needs. This results in the rise of the people-based office.

This concept is a new alternative to the open office. It prioritises human beings, by delivering: Collaboration, Community, Corporate Values, and Creativity. That is to say, the office interior design needs to help foster collaboration, evoke a sense of community, and encourage creativity while emphasising corporate culture and identity. And with proper and modular sound absorption and sound insulation solutions, you can ensure the office space is fit for all.



# Reception Area

First impressions matter

## Create a welcoming and inspiring atmosphere

The reception area is your first opportunity to make a 'real-life' impression on your visitors. More than just welcoming, it helps set the tone for your brand identity and the architectural design of the entire building. So, it's important to create a memorable one, with a clear focus on well-being.

## Emphasise acoustic comfort

Acoustics in the reception area is especially important. This is due to the generally high level of conversation and footfall, combined with sound reverberation issues as a result of hard surfaces often used in these areas.

By integrating acoustics into the design phase, you can ensure speech clarity and speech privacy while maintaining visual appeal.

33% of office workers say that the design of an office would affect their decision to work at a company.

**Source** Interface (2015), Human Spaces:  
The Global Impact of Biophilic Design in the Workplace







Project Bialmed Sp. z o.o., Poland  
Products Rockfon Blanka®, Rockfon® Mono® Acoustic

## CASE STUDY

Kingsley Napley Offices  
London, UK

### Challenges

Kingsley Napley — a law firm based in London, UK — considered consolidating its three Clerkenwell offices into a six-floor building, turning the outdated cellular office style to an open-plan workspace.

### Solutions and Results

Kingsley Napley collaborated with the design specialists KKS Savills and Overbury fit out and refurbishment, along with BPC interiors as sub-contractor.

The guiding aesthetic is one of hushed self-assuredness with a hint of opulence characterised by classic contemporary furnishings in muted tones, modern art and the use of deep blue and orange on feature walls. Rockfon Mono Acoustic was installed as a completely seamless acoustic ceiling in the double height reception, which provided a blank canvas for the dynamic lighting in the space.



Architect KKS Savills  
Product Rockfon® Mono® Acoustic



## Our Product Recommendation

### Rockfon® Mono® Acoustic

**A unique design solution, perfect for ceilings and walls.**

This is our most innovative acoustic ceiling solution, adding a timeless touch to the interior. It can be shaped to suit your creativity — from domes to vaulted ceilings, from curves to origami shapes. It also provides 87% light reflection and 99% light diffusion, lending lightness to the interior while reducing energy usage during the day.

### KEY TAKEAWAYS

- Class A sound absorption
- Curve the surface to as little as a 1500mm radius
- Install sloping, flat, or curved in a suspension grid or mount directly
- Cradle to Cradle Certified® Bronze



Products Rockfon® Canva Wall panel, Rockfon® Canva Hanging divider, Rockfon Eclipse® Island

## Other products you should also consider:

### Rockfon Contour®

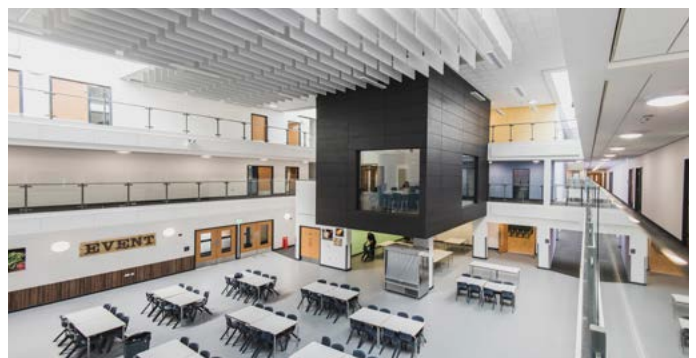
These frameless acoustic baffles are ideally suited for areas where architecture, skylights, or other design elements don't allow suspended ceiling. They are also ideal for spaces that require frequent and unhindered access to services.

### Rockfon Color-all®

This range of acoustic tiles is available in our 34 exclusive Colours of Wellbeing, allowing you to enhance your interior design theme while also controlling sound reverberation.

### \*Rockfon® Canva Wall panel

With their modular structures and detachable canvases, these stylish acoustic wall designs are perfect for adaptable office settings. They provide excellent acoustics with low installation costs and impressive visual appeal. You can quickly update the style when tenants or room functions change.



## 3 design tips to improve the reception area:

1. Use Class A acoustic ceiling and wall solutions to minimise noise reflecting from hard surfaces.
2. Emphasise corporate culture and identity by integrating different building materials, colours, and designs.
3. Incorporate biophilic elements, such as plants, natural textures, as well as different materials and colours to foster well-being while breaking up the space.



# Circulation and Breakout Areas

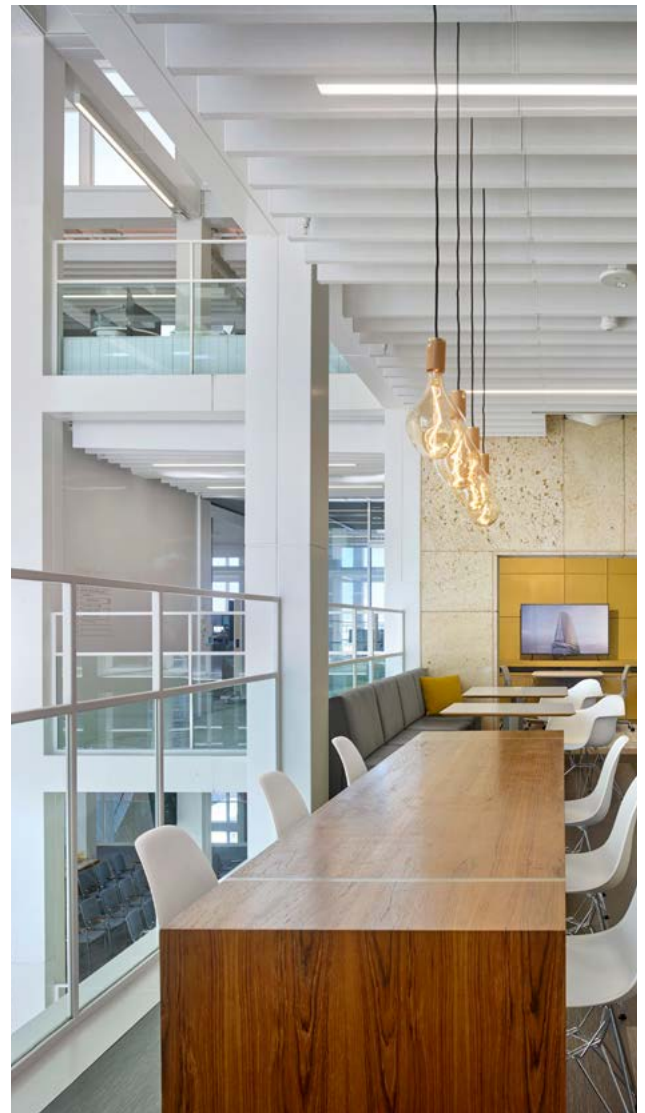
Plan the unplanned encounters

## Make the silent pathways interesting

Corridors double up as means to navigate the office and a space for impromptu conversation with colleagues. With the use of biophilic elements, colours, and textures, we can keep these walkways sophisticated with a relaxing feel. So much so that we can get a few minutes of relaxation to calm our mind, subdue anxiety, increase energy levels, and improve mood — while passing through.

## Keep the hustle and bustle separated

Breakout areas offer a much-needed break for employees beyond their work. These areas present a change in scenery, a creative space to chill out, and a retreating space to escape to when stress is high at work. Increasingly, they are also used for informal meetings, which can be distracting for people working nearby. This can lead to a drop in efficiency and productivity.





## CASE STUDY

Supercell Wood City  
Helsinki, Finland

### Challenges

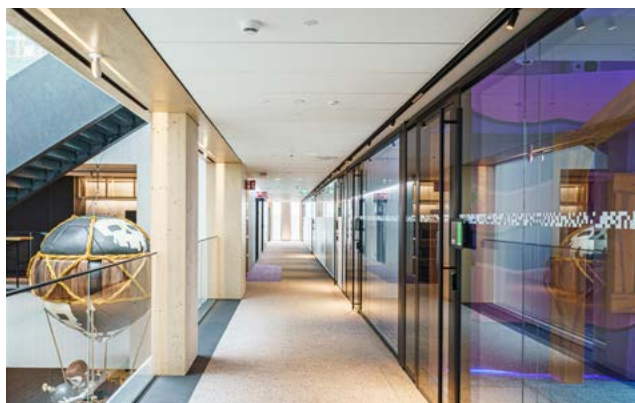
The gaming company Supercell has a state-of-the-art office in Wood City. The focus was on well-being in every possible way of the interior design. The indirect lighting at the Wood City office was designed specifically for the needs of Supercell's encoders. Acoustics and lighting had to harmonise seamlessly together.

### Solutions and Results

To bathe the office in natural light, they opted for a pure white, adhesive acoustic ceiling tile with high light-reflection — Rockfon Blanka. The office building can count for more than 5,000 acoustic suspended ceiling square meters. They also chose the colourful palette of Rockfon Color-all offering 34 inspiring, bold, and long-lasting colours to give the spaces a personality. The matte options suited the whole and each colour supports the room.



**Architect** Anttinen Oiva Arkkitehdit Oy  
**Products** Rockfon Blanka®, Rockfon Color-all®





Project ROCKWOOL GBS Office, Poland  
Products Rockfon® Lamella, Rockfon Eclipse® Customised

### Our Product Recommendation

## Rockfon Eclipse® Customised

**Bring personality, style, and acoustic excellence to your interiors with custom-designed ceiling islands — available in any colour and shape.**

Manufactured to Rockfon highest standards, this product line doesn't just transform acoustics, it also allows you to set unique accents to the interiors. There are no limits to the creative possibilities.

### KEY TAKEAWAYS

- Class A sound absorption
- Custom design in any shape, size, or colour
- Can be used to anchor lighting
- Quick and easy to install

People talk with each other — on the phone and informally as they meet — which create noisy disturbances, if you don't consider acoustics in the design.

**Source** Arkitema's Senior Project Architect Michael Green



### Other products you should also consider:

#### \*Rockfon® Canva

Freely design your office signage, display powerful statements, or support wayfinding by using Canva's modular form and detachable canvases. With wall panels and floor screens within the range, they are a smart and easy way to create flexible, feel-good spaces.

#### Rockfon Color-all®

Comes in 34 exclusive colours of acoustic ceiling and wall solutions to inspire and enhance your interior design scheme, helping make your circulation and breakout areas more personal while controlling the noise.

#### Rockfon Blanka®

This acoustic tile has a smooth, deep, matte, and super-white surface. With 99% light diffusion, Rockfon Blanka draws in natural light 11% deeper into every corner, saving up to 23% of electricity usage.



### 3 design tips to improve acoustics in the circulation and breakout areas:

1. Use Class A acoustic ceiling and wall solutions to minimise noise reflecting from hard surfaces
2. Have sound barriers, such as floor screens, to separate these areas from the rest of the office.
3. Consider sound masking to blur out the conversations and help others maintain focus.



# Huddle zone

Promote interaction, unleash creativity

Also known as “social and collaboration spaces,” huddle zones are meant to be less formal, providing a comfortable, secluded area for teams to meet, brainstorm, or catch up easily. They are typically used for group work and impromptu meetings, where it’s not necessary to book a room but still allows for face-to-face, uninterrupted idea sharing.

Hence, it’s crucial to actively direct or block sound when noise levels are high. This could help to improve speech intelligibility and increase productivity levels.

97% of high performers see their office as a place where collaboration is easy.

Source JLL (2020), From Productivity to Human Performance.

## 3 design tips to improve acoustics in the huddle zone:

1. Use Class A acoustic ceiling and wall solutions to minimise noise reflecting from hard surfaces.
2. Have sound barriers, such as floor screens to separate these areas from the rest of the offices.
3. Consider sound masking to blur out the conversations and help others maintain focus.





## Our Product Recommendation

### Rockfon® Canva™

**Combine aesthetic and acoustic performance in a single design element.**

Choose from the Rockfon palette of 34 contemporary Colours of Wellbeing or create a custom canvas with your choice of a brand logo, product, artwork, message, or signage – Rockfon Canva offers unlimited design freedom.

Furthermore, Canva’s modular structure and detachable canvases allow you to machine wash, dust, vacuum, or disinfect with anti-bacterial wipes. They’re the intelligent way to create clean, adaptable, feel good art pieces with excellent acoustics.

### Other products you should also consider:

#### Rockfon Contour®

These frameless acoustic baffles are ideally suited for areas where architecture, skylights, or other design elements don’t allow suspended ceiling. They are also ideal for spaces that require frequent and unhindered access to services.

#### Rockfon Blanka®

Speech intelligibility is crucial where noise and activity levels are high. This acoustic tile comes with a 40mm thickness, making it ideal for controlling sound level at low frequencies, particularly in busy areas.

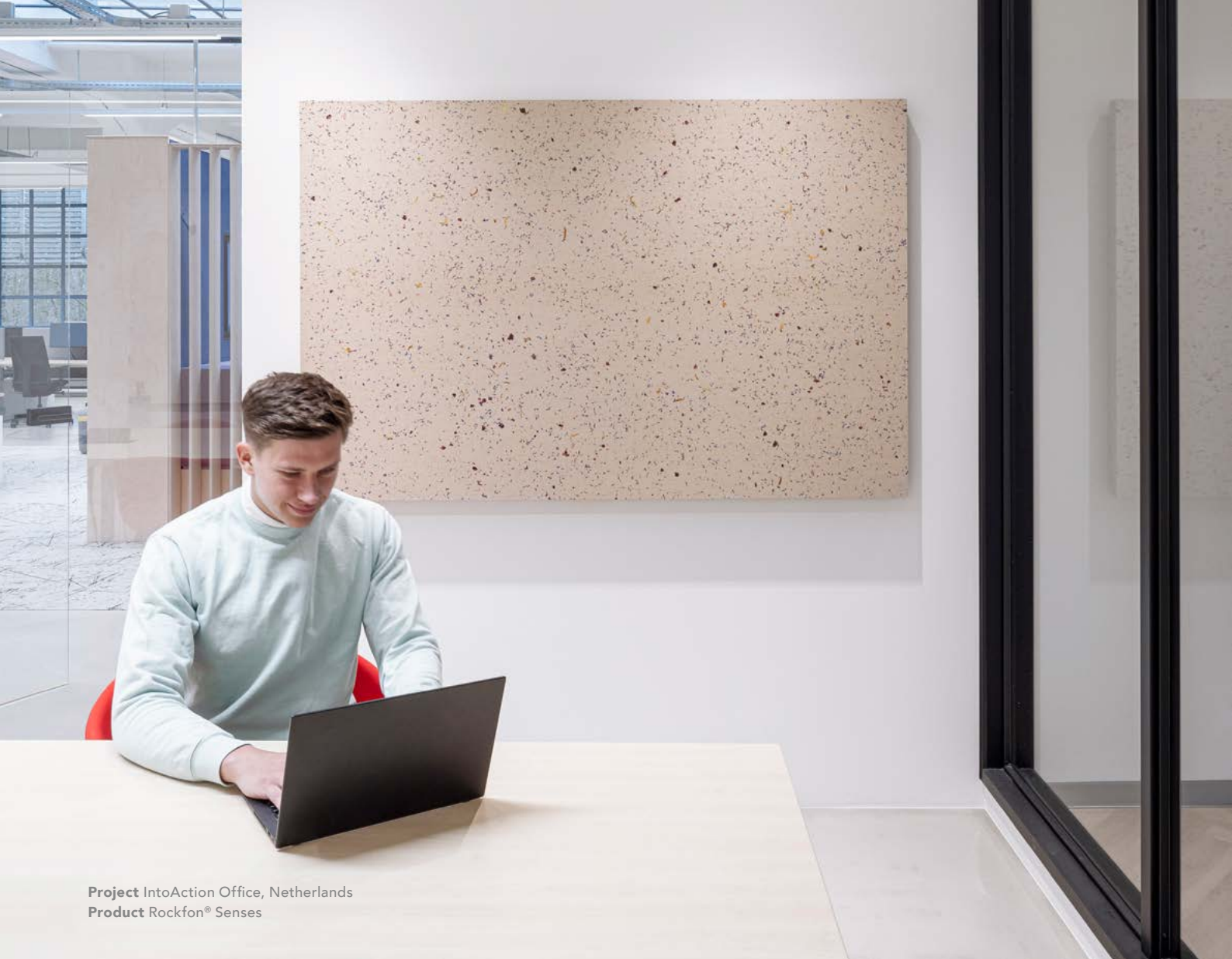
#### Rockfon Eclipse® Island

It is the ideal solution for bringing a new aesthetic dimension to any space while improving acoustics. The sky is the limit, as this versatile range of stone wool islands can be customised in any shape and colour.

## KEY TAKEAWAYS

- Class A sound absorption
- Canvas is changeable and machine-washable
- Custom canvas design possible
- Customisable frame size
- Low emission rates with
- M1 and A+ certification<sup>18</sup>





**Project** IntoAction Office, Netherlands  
**Product** Rockfon® Senses

## Private zone

Safeguard privacy for individuals productivity

Also known as “focus-pod,” private zones allow a person to make confidential or private phone calls, hold discreet meetings, or to work comfortably. This type of setting can range from an isolated armchair or beanbag to small independent workplaces and concealed soundproof rooms for ultimate concentration and privacy.

Invite a piece of nature into your space and enjoy the calm and stress relief that green surroundings offer, with class A noise absorbing properties.

**Marie Oskarsson**, Product Manager at Rockfon

### 3 design tips to improve acoustics in the private zone:

1. Use Class A acoustic ceiling and wall solutions to minimise noise reflecting from hard surfaces.
2. Have sound barriers, such as floor screens to separate these areas from the rest of the offices.
3. Select design elements that stimulate creativity with the use of materials, textures, and colours.



## Our Product Recommendation

### Rockfon Color-all®

#### Enhance well-being and ambience by using colour

Our coloured ceiling solutions don't just reduce noise, they also help create unique spaces. The range comes in 34 exclusive colours. This can help to inspire and enhance your interior design, giving you many possibilities to set the mood.

#### KEY TAKEAWAYS

- 34 subtle, yet playful Colours of Wellbeing
- Available with exposed, semi-concealed, and concealed edges in a large variety of module sizes
- Available with matching grid (main runner, cross tees, perimeter wall angle trim) in an attractive matte finish

#### Other products you should also consider:

##### Rockfon Contour®

These frameless acoustic baffles are ideal for areas where architecture, skylights, or other design elements don't allow suspended ceiling. They are also suitable for spaces that require frequent and unhindered access to services.

##### Rockfon® Sonar®

It's attractive micro-textured white surface, with strong edges for superior durability creates a comprehensive range of aesthetically pleasing tiles.

##### Rockfon Blanka® dB

This range of acoustic tiles has a stone wool core with a high-performance membrane on the back, which reduces the transmission of noise from room to room. The tiles vary in width to provide increasing levels of sound insulation and sound absorption, so you don't need to compromise on concentration and privacy.





Project Kimbrer Computer ApS Office, Denmark  
Product Rockfon Eclipse® Island

# Desk Hoteling

Facilitate hybrid work model

Post-pandemic, reserving a “desk hotel” is becoming a popular approach, which is aligned with a hybrid work model. As around 75% of the workforce prefers this flexible way of work, desk hoteling allows those that do come in a few days a week to sit where they have previously reserved.

65% of respondents want to become full-time remote employees post-pandemic, while 31% would prefer a hybrid work arrangement.

Source FlexJobs (2020): Productivity, Work-Life Balance Improves During Pandemic

## 3 design tips to improve acoustics in the desk hoteling area:

1. Use Class A acoustic ceiling and wall solutions to minimise noise reflecting from hard surfaces.
2. Have sound barriers, such as floor screens to separate these areas from the rest of the offices.
3. Select design elements that stimulate creativity with the use of materials, textures, and colours.

## Rockfon Eclipse® Island

Offer flexible installation possibilities and a wide selection of shapes and colours for total design freedom.

Rockfon Eclipse Islands are quick and easy to install. You can either suspend them from the ceiling or attach directly to the wall, adding a distinctive visual appeal to any room. In combination with the highest performance in sound absorption, they contribute to reducing reverberation time and sound levels.

### KEY TAKEAWAYS

- Class A sound absorption
- Available in any colour or any shape
- Quick and easy to install
- Perfect for thermal mass installations
- Can be suspended alone or under a traditional acoustic ceiling

### Other products you should also consider:

#### \*Rockfon® Canva

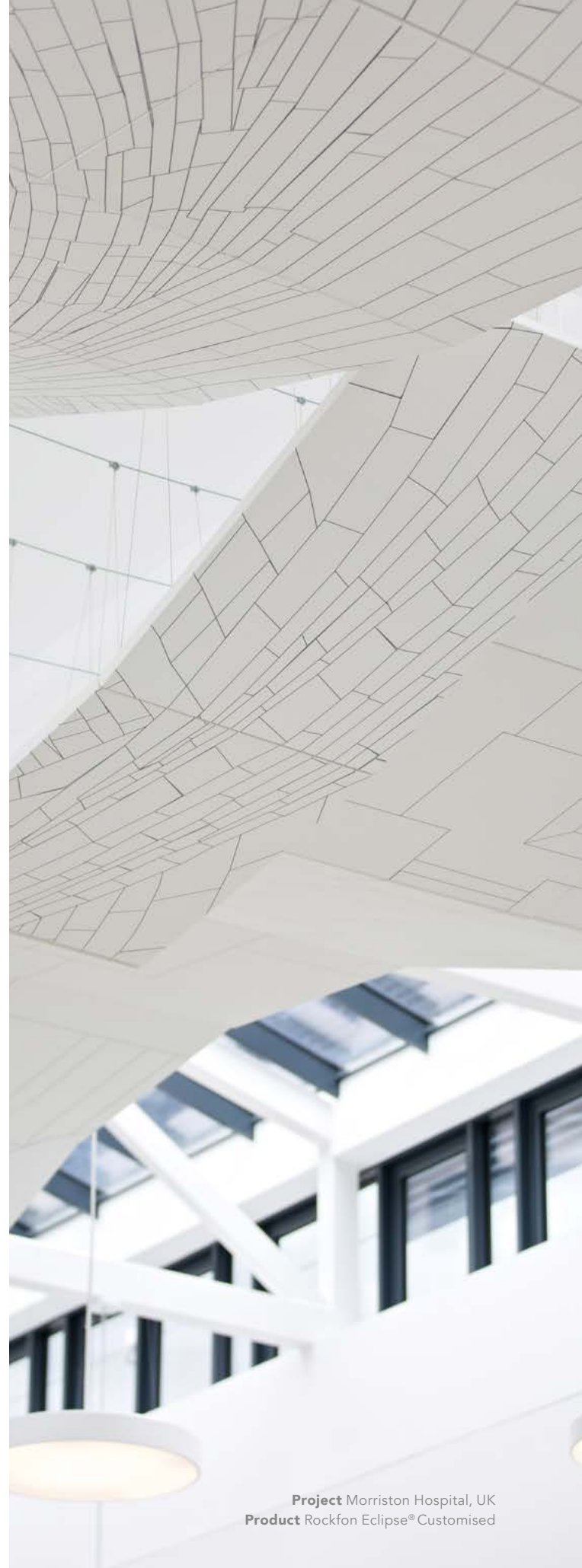
Freely design your office signage, display powerful statements, or support way finding by using Canva's modular form and detachable canvases. With wall panels and floor screens within the range, they are a smart and easy way to create flexible, feel-good spaces.

#### Rockfon® Universal™ Baffle

This product is available in white plus 33 inspiring contemporary colours and is perfect for offices with an exposed soffit. The two end caps and the fully framed edges help prolong the product life.

#### Rockfon Sonar® Activity

This product is designed for speech intelligibility. The thicker acoustic ceiling tile has high absorption, which makes it ideal for controlling the sound level at low frequencies and busy areas like phone-intensive areas.



Project Morriston Hospital, UK  
Product Rockfon Eclipse® Customised



Product Rockfon® Canva Wall panel

# Permanent workstation

Foster distraction-free, individual space

Many people have grown used to being able to control their noise level, lighting, temperature, and privacy during the pandemic. Hence, when they decide to return to the usual 9-5 office setup, these permanent working stations need to meet a much higher standard to maximise comfort and productivity.

81% of survey respondents say they would be more loyal to their employer if they had flexible work options.

Source FlexJobs (2022), Productivity, Work-Life Balance Improves During Pandemic

## 3 design tips to improve acoustics in the permanent workstation area:

1. Use Class A acoustic ceiling and wall solutions to minimise noise reflecting from hard surfaces.
2. Have sound barriers, such as floor screens to separate these areas from the rest of the offices.
3. Select design elements that stimulate creativity with the use of materials, textures, and colours.



## Our Product Recommendation

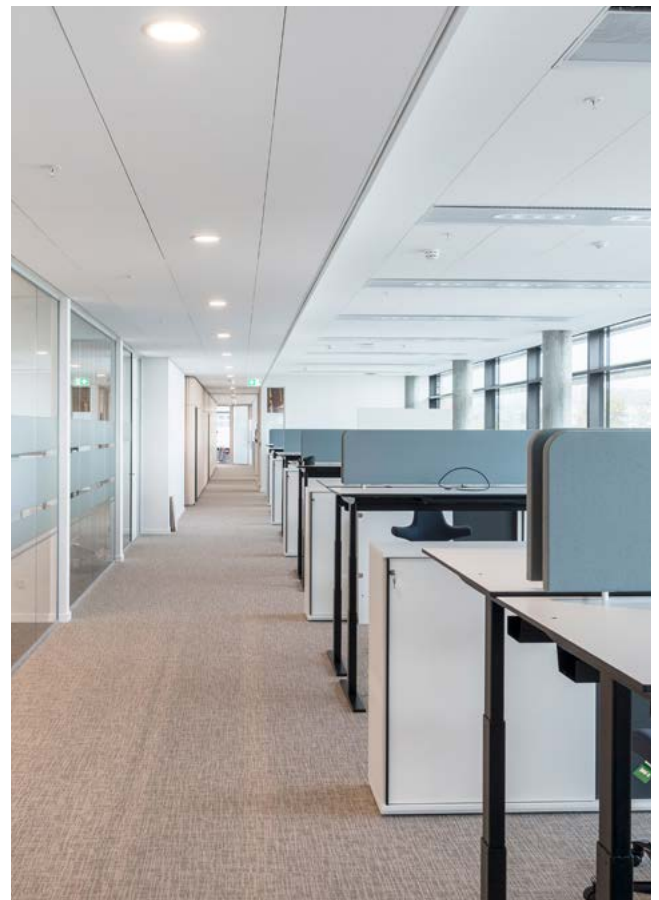
### Rockfon Blanka®

*Its super-white surface, with its high light reflection and light diffusion, creates a comfortable indoor environment with exceptional acoustics.*

The range comes in multiple dimensions and edges for full design flexibility. It's available in different thicknesses, making it optimal for schools, where sound needs to be optimised for all speech frequencies.

#### KEY TAKEAWAYS

- Class A sound absorption
- A1 fire resistance standard
- Visible side: deep-matte, smooth, and super white painted fleece
- Rear side: back fleece
- Durable painted edges



### Other products you should also consider:

#### Rockfon® Sonar®

It's attractive micro-textured white surface, with strong edges for superior durability creates a comprehensive range of aesthetically pleasing tiles.

#### Rockfon Eclipse®

Rockfon Eclipse is an excellent way to bring a fresh aesthetic touch to any area while also improving acoustics. This stone wool island collection comes in a variety of bespoke forms and may be coloured to your liking.

#### Rockfon Color-all®

Available in 34 exclusive Colours of Wellbeing, this product range inspires and enhances your interior design while also controlling noise reverberation.

#### Rockfon® Tropic™

This all-round tile has the highest sound absorption rating and a smooth white surface. It is also available in a wide range of dimensions, in semi-concealed and visible grid options, making it a popular and affordable choice.



# Meeting room

Group collaboration is key

## Enhance creativity and co-operation

Dedicated meeting rooms are often the springboard for creative thinking and idea-sharing. They are usually located in the centre of the office, with glass walls and a multitude of IT equipment. Meeting areas come in all shapes and sizes and can be designed to suit the needs and objectives.

## Improve speech clarity for better productivity

To promote collaboration and the exchange of ideas, it is vital to be able to properly hear what is being said. Noise in meeting rooms can easily reverberate off hard surfaces. This heightens the need for not only sound absorption but also sound insulation to be properly designed, to maintain privacy and confidentiality.







## CASE STUDY

Solutions.Rent Co-working Office  
Warsaw, Poland

### Challenges

Designing Solutions.Rent Co-working Office was a challenge, as it had to provide ideal conditions for ever-changing users with different styles and specificity of work. The interior had to be diverse, given the opportunity to find the right place to work, allow free communication, stimulate creativity, and inspire.

### Solutions and Results

"Although it has a fully functional office interior, the style resembles a cosy café or flat. Elegance and attention to detail are all about its high quality," said Emilia Wójcicka, the project's interior designer. The place is a classic and timeless combination of white, black, and grey — enriched with bold colours on the walls, various upholstery fabrics, paintings, and carpets.



**Architect** The Design Group

**Products** Rockfon Eclipse®, Rockfon® Mono® Acoustic



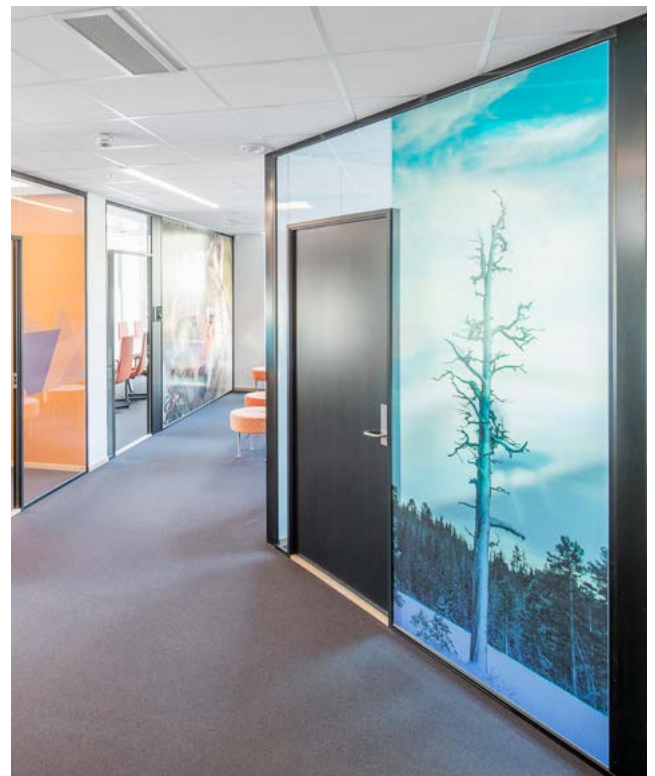
### Our Product Recommendation

## Rockfon Blanka® dB

This range of acoustic tiles has a stone wool core with a high-performance membrane on the back which reduces the transmission of noise from room to room. The varying tiles provide increasing levels of sound insulation and sound absorption so you don't need to compromise on concentration and privacy.

### KEY TAKEAWAYS

- Class A sound absorption
- Dual layer stone wool tile with inner high performance membrane
- Visible side: smooth, deep-matt and super-white painted fleece
- Rear side: back fleece
- Durable painted edges





Project A. Enggaard A/S Office, Denmark / Product Rockfon Blanka®

### Other products you should also consider:

#### Rockfon® Mono® Acoustic

Perfect for ceilings and walls, the innovative monolithic surface delivers outstanding acoustic comfort. The refined white surface provides high light reflection and light diffusion, ensuring even light distribution and reducing the need for artificial light.

#### Rockfon® Soundstop™

This acoustic barrier reduces noise transfer in ceiling and floor plenums and is ideal to combine with our Rockfon Blanka dB range.

#### Rockfon Canva® Wall panel

With their modular structures and detachable canvases, these stylish acoustic wall designs are perfect for adaptable office settings. They provide excellent acoustics with low installation costs and impressive visual appeal. You can quickly update the style when tenants or room functions change.



### 3 design tips to improve the meeting rooms:

1. Use Class A acoustic ceiling and wall solutions to minimise noise reflecting from hard surfaces.
2. Use ceiling sound insulating solutions to avoid sound transmitting to an adjacent room.
3. Select design elements that stimulate creativity with the use of materials, textures, and colours.



# Canteen & Café

Great hygiene. Now that sounds good!

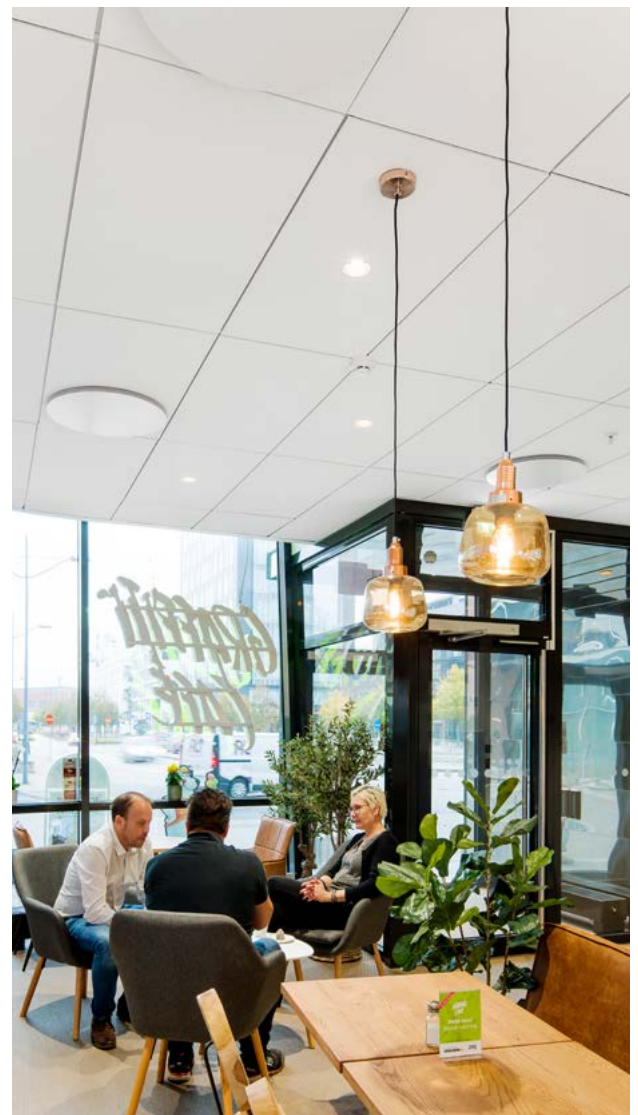
## Unwind: blur the line between work and play

Whether it's a brainstorming session, team meeting, lunch or just somewhere to grab a quick coffee — having diverse shared spaces available makes collaboration fluid and enjoyable for all. These spaces not only entice staff to the office but can also strengthen a sense of belonging and shared culture.

## Acoustics and hygiene exist in harmony

Hygiene is critical in not just the kitchen but also in social spaces — where the acoustics are equally important too.

Kitchens are full of hard reflective surfaces, which are great for cleaning and disinfecting but bad for room acoustics. The clatter of knives, forks, plates and glasses hitting the table combined with group conversations — especially during lunchtime — can cause noise levels to quickly escalate to an uncomfortable level.





Project Strategisk Arkitektur, Sweden / Product Rockfon Blanka®

## CASE STUDY

Spaces Platinum Co-working Office  
Warsaw, Poland

### Challenges

There is a boom in co-working offices, where freelancers, start-ups, micro-businesses, small and medium-sized companies and corporations work side by side. The acoustics need to be comfortable, with private conversations undisturbed by unwanted sounds. Minimising noise levels and preventing them from spreading freely was a key requirement for the designers.



Architect Hyphen Group i APMD  
Product Rockfon® Mono® Acoustic

### Solutions and Results

The Sales Director of Spaces in Poland, Rafel Gabteni says: "Out of concern for our customers, we concluded that it's necessary to install acoustic ceilings in our office. We used Rockfon Mono Acoustic ceiling recommended by the architects to stop reverberation on open surfaces. As it turned out, this solution works perfectly, especially in such large areas as ours."





## Our Product Recommendation

### Eclipse color

#### Enhance well-being and ambience by using colour

Rockfon Eclipse Colour is available in two formats (circle and square) and 11 exclusive colours from the Rockfon Color-All range to inspire and enhance your interior design scheme. This can help to inspire and enhance your interior design, giving you many possibilities to set the mood.

#### KEY TAKEAWAYS

- Subtle yet playful colours made to mix and match either within the same room or in different areas of a building
- Quick and easy to install
- Perfect for thermal mass installations with rear surface providing excellent heat and light reflection





Project Lysgaarden Office, Norway / Product Rockfon Contour®

### Other products you should also consider:

#### Rockfon Contour®

These frameless acoustic baffles are ideally suited for areas where architecture, skylights, or other design elements don't allow suspended ceiling. They are also ideal for spaces that require frequent and unhindered access to services.

#### Rockfon® CleanSpace™ Pure

A smooth, deep-matte, pure white cleanable ceiling tile with good acoustic properties. The product is long-lasting and can withstand numerous cleaning and disinfection methods with ISO Class 3 certified. CleanSpace Pure is suitable to use where the food and drink are being prepared and helps meet increasing hygiene standards.

#### Rockfon Eclipse® Customised

Bring personality, style, and acoustic excellence to your interiors with custom-designed walls and ceiling islands. Available in any colour and shape and manufactured to meet Rockfon highest standards.

### 3 design tips to improve social spaces like canteen and cafeteria:

1. Use Class A acoustic ceiling solutions to minimise noise reflecting from the ceiling
2. Use Class A acoustic wall solutions to minimise the noise levels, allowing people to have a decent conversation with each other.
3. Use acoustic solutions that are easy to clean, resistant to the growth of mould and bacteria. This helps meet the most rigorous hygiene codes and safety regulations.



# Toilet & Locker room

No need to compromise between cleanliness and quiet.

## Raise the hygiene standard while keeping the noise down

Hard surfaces are good for cleaning and hygiene purposes, but not for noise. To help offset this challenge, it is important to look for acoustic solutions that will dampen sound reflection, whilst being able to withstand the humid environments.

## Resist the humidity

Moisture often builds up in naturally "wet" rooms, which can weaken the structure of certain ceiling panels, causing them to lose shape and sag over time. It can also expose people to mould, mildew, or bacteria.







Project Politiskolen, Denmark / Product Rockfon Sonar®

## CASE STUDY

Pontypridd Riverside Scheme  
Pontypridd, UK

### Challenges

Forming an important part of a £200m redevelopment, the flagship three-building Llys Cadwyn (Chain Court) mixed-use riverside development encompasses office and retail units alongside a state-of-the-art library, café, leisure fitness, and community facilities in the heart of Pontypridd.

### Solutions and Results

The twin buildings required high levels of sound absorption due to the predominantly open-plan office interiors on their upper floors — resulting in around 9500m<sup>2</sup> of Rockfon acoustic ceiling and wall systems being installed. Independent research shows that stress levels are reduced by 27% and focus is increased by 48% by improved acoustics in these environments. The high light reflectance offered by our ceiling solutions helps to optimise natural light. This aids well-being and provides the best working conditions whilst minimising energy usage and costs.



**Architect** Darnton B3 Architects  
**Products** Rockfon Blanka®, Rockfon Eclipse® Wall panel, Rockfon® Koral™, Rockfon® Universal™ Baffle, Chicago Metallic™ T15 Click 2790, Chicago Metallic™ T15 Click D2790 ECR Class D



### Our Product Recommendation

## Rockfon® CleanSpace™ Essential

**A cost-friendly, aesthetic ceiling tile that is cleanable.**  
The Essential is a cost-friendly and long-lasting ceiling tile solution that is suitable for a variety of room types. Not only does this tile fulfil highest demands in terms of cleanliness but it also has enhanced acoustic properties, contributing to a healthy indoor environment.

### KEY TAKEAWAYS

- Class A acoustic performance with A-edge in 20mm thickness
- Easy to clean with damp cloth or vacuum cleaner
- ISO Class 4 certified



### Other products you should also consider:

#### Rockfon® Koral™














An attractive white, micro-textured surface that has the highest sound absorption rating. This easy-to-clean acoustic ceiling solution is a practical and affordable choice.

### 2 design tips to improve “wet” places like toilet or locker rooms:

1. Use Class A acoustic ceiling and wall solutions to minimise noise reflecting from hard surfaces.
2. Use sound absorbing solutions that withstand humid environments, which won't sag over time or contribute to mould and bacteria build up.



# Product Overview

Performance	Rockfon Blanka®	Rockfon Blanka® Activity	Rockfon Blanka® dB 41	Rockfon Blanka® dB 46	Rockfon® Canva
 Sound absorption	$\alpha_w$ : up to 1.00 (Class A) NRC: up to 1.00	$\alpha_w$ : 1.00 (Class A) NRC: 1.00	$\alpha_w$ : 0.90 (Class A) NRC: 0.90	$\alpha_w$ : 0.90 (Class A) NRC: 0.90	$\alpha_w$ : 0.95 (Class A) NRC: 0.90
 Direct sound insulation	-	-	$R_w$ = 21 dB	$R_w$ = 25 dB	N/A
 Room to room sound insulation	-	-	$D_{nrtw}$ = 41 dB with Acoustimass = 52* dB with Soundstop 30 dB = 55* dB	$D_{nrtw}$ = 46 dB with Acoustimass = 55* dB with Soundstop 30 dB = 58* dB	N/A
 Surface durability	Durability and dirt resistance. Wet-scrub resistance				Surface is detachable and washable in normal machine cycle up to 70 degrees.
 Impact Resistance	-	N/A	-	-	N/A
 Light reflection	87% light reflection >99% light diffusion			87% light reflection >99% light diffusion	Colour-dependent
 Cleaning	Vacuum, damp cloth				Frame: Vacuum, damp cloth & low pressure foam cleaning- Canvas: Vacuum, damp cloth & washing in normal machine wash cycle up to 70 degrees
 Hygiene	Stone wool provides no sustenance to microorganisms. Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013.***				
 Humidity and sag resistance	Up to 100% RH				-
 Reaction to fire	A1		A2-s1,d0	A2-s1,d0	B-s1,d0
 Environment	All products are recyclable				
 Clean Room	-	-	-	-	N/A
 Disinfection	N/A		-	-	N/A

\*C - centre distance between baffle rows, H - suspension height: net distance between baffle and soffit.















\*\* 2,6%, quaternary ammonium 0,25%, hydrogen peroxide 5%, Ethanol 70% and Isopropanol 70%

\*\*\* Tested with: Methicillin Resistant Staphylococcus Aureus (MRSA), Candida Albicans, Aspergillus Brasiliensis, E.Coli, Bacillus cereus.

M1 / zone 4 for the tested 5 pathogens. The particle elimination kinetics class is conform to CP(0,5)5 according to the norm NF S 90-351:2013

	<b>Rockfon® CleanSpace™ Essential</b>	<b>Rockfon® CleanSpace™ Pure</b>	<b>Rockfon Color-all®</b>	<b>Rockfon® Sonar®</b>
	$\alpha_w$ : up to 1.00 (Class A) NRC: up to 1.00	$\alpha_w$ : up to 1.00 (Class A) NRC: up to 1.00	$\alpha_w$ : 0.95 (Class A) NRC: up to 0.95	$\alpha_w$ = up to 1.00 (Class A) NRC = up to 1.00
	-	-	-	-
	-	-	-	Dn,f,w = 27 dB
	-	Enhanced durability, dirt & wet-scrub resistance	-	-
	-	-	-	-
	85%	86% light reflection >99% light diffusion	Colour-dependent	85%
	Vacuum, Damp cloth	Vacuum, Damp cloth, Dry steam cleaning, High pressure cleaning Chemical Resistance: Resistant to active chlorine** Weekly disinfection	Vacuum	" - Vacuum - Damp cloth - Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide
Stone wool provides no sustenance to microorganisms. Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013.***				
	Up to 100% RH (20-25mm)	Up to 100% RH		
	A1	A1	A1 Color-all Mercury: Class A2-s1,d0	A1
All products are recyclable				
	ISO Class 4	ISO Class 3	-	ISO Class 5
	-	Resistant to using Hydrogen Peroxide Vapor disinfection. Can withstand and will not be affected by UVC and Ozone disinfection	-	-

# Product Overview

Performance	Rockfon Contour®	Rockfon Eclipse®	Rockfon® Koral™	Rockfon® Mono® Acoustic	Rockfon® Soundstop™
 Sound absorption	$A_{eq}$ (500 Hz) = 0.66 m <sup>2</sup> /item	$A_{eq}$ (500 Hz) Rectangle up to 3.7 m <sup>2</sup> /item	$\alpha_w$ : up to 0.95 (Class A) NRC: up to 0.90	$\alpha_w$ : 0.90 (Class A) NRC: 0.90	-
 Direct sound insulation		N/A		$R_w$ = 22 dB	$R_w$ = 30
 Room to room sound insulation		N/A		-	-
 Surface durability		N/A		-	-
 Impact Resistance		N/A		-	-
 Light reflection	79%	87% light reflection (rear side: 79%) >99% light diffusion	86%	87% light reflection >99% light diffusion	-
 Cleaning	Vacuum	Vacuum, damp cloth	Vacuum, damp cloth	Vacuum	-
 Hygiene	Stone wool provides no sustenance to microorganisms. Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-351:2013.***				
 Humidity and sag resistance	Up to 100% RH				
 Reaction to fire	A1	A1	A1	A2-s1,d0	A1
 Environment	All products are recyclable				
 Clean Room	N/A	N/A	-	-	-
 Disinfection		N/A		-	-
 Thermal insulation		-		-	-

\*C - centre distance between baffle rows, H - suspension height: net distance between baffle and soffit.

\*\* 2,6%, quaternary ammonium 0,25%, hydrogen peroxide 5%, Ethanol 70% and Isopropanol 70%

\*\*\* Tested with: Methicillin Resistant Staphylococcus Aureus (MRSA), Candida Albicans, Aspergillus Brasiliensis, E.Coli, Bacillus cereus.

M1 / zone 4 for the tested 5 pathogens. The particle elimination kinetics class is conform to CP(0,5)5 according to the norm NF S 90-351:2013

	<b>Rockfon® Universal™ Baffle</b>	<b>Rockfon® Sonar® dB 41</b>	<b>Rockfon® Sonar® dB 46</b>	<b>Rockfon® Sonar® Activity</b>	<b>Rockfon® Artic®</b>
	A <sub>eq</sub> (500 Hz) up to 0.93 m <sup>2</sup> /item	α <sub>w</sub> = 0.90 (Class A) NRC = 0.85	α <sub>w</sub> = 0.90 (Class A) NRC = 0.90	α <sub>w</sub> : up to 1.00 (Class A) NRC = up to 0.95	α <sub>w</sub> = 0.90 (Class A) NRC = 0.85
	N/A	R <sub>w</sub> = 21 dB	R <sub>w</sub> = 25 dB	-	-
	N/A	D <sub>n,f,w</sub> = 41 dB	D <sub>n,f,w</sub> = 46 dB	-	-
	N/A	-	-	-	-
	N/A	-	-	-	-
	White (77%) Charcoal (4%) Color-all (Colour dependent)	85%	85%	85%	82%
	Vacuum	- Vacuum - Damp cloth - Chemical resistance: resistant to diluted solutions of ammonia, chlorine and hydrogen peroxide			
	Stone wool provides no sustenance to microorganisms. Microbiological class M1 fulfilling the requirements of Zone 4 (very high risk) defined by NF S 90-				
	Up to 100% RH				
	A2-s1,d0	A1	A2-s1,d0	A1	A1
	All products are recyclable				
	N/A	-	-	ISO Class 5	-
	N/A	-	-	-	-
	-	"Thermal conductivity: λD = 40 mW/mK Thermal resistance: R = 0,85 m <sup>2</sup> K/W"	"Thermal conductivity: λD = 40 mW/mK Thermal resistance: R = 1,25 m <sup>2</sup> K/W"	"Thermal conductivity: λD = 40 mW/mK Thermal resistance: R = 1,00 m <sup>2</sup> K/W"	-

# We are your partner towards sustainable development

Sustainability sits at the heart of our research and development. It's why we use natural stone, constantly work towards a lower carbon footprint in our manufacturing. While we are not in every country with our Rockcycle solution yet, we are expanding our recycling service across Europe and Asia.

Many property developers have started to choose building materials that can contribute to sustainable construction. Building certifications like LEED, BREEAM, DGNB, or WELL are growing in popularity, and luckily our products can help you earn points in these schemes.

Do you know that stone wool is a fully recyclable building material that can be recycled repeatedly without any degradation in quality?

Rockfon can both recycle our own old stone wool ceiling tiles and cut offs from installation, plus upcycle wet felted mineral fibre ceiling tiles from other manufacturers. We help make a meaningful contribution to a greener planet.

Visit our webpage for more information about our takeback scheme.

Rockfon sees sustainability as an imperative, driving us to reimagine acoustic solutions and their place in modern interiors.

**Christian Klinge**, Innovation Director at Rockfon









# Be part of making the world sound better to everyone

Rockfon is part of ROCKWOOL Group and we are the world's leading acoustic company — and our mission is to keep things quiet.

## **We're the aha in creative workspaces**

Every day we are inspired to innovate with sound solutions that help people think concentrate and enjoy life more. Our acoustic solutions do more than reduce noise, they support concentration and collaboration, improving productivity and well-being in the workspace.

## **We're here to help**

We have 22 offices and 7 manufacturing facilities worldwide and we're on hand to help you find the right acoustic solutions for your next office project.



Project Total Upstream Office Building, Denmark  
Product Rockfon Blanka®



### **We are your partner towards sustainable development**

Our high-quality products are made from natural stone. They work, they're beautiful and they last — until they're recycled to make more. And we provide all the necessary documentation to support you in creating a sustainable office project.

### **Our online resources**

Explore our website for sound calculations, instruction videos, documents, and a comprehensive BIM library with objects compatible with ArchiCAD and Revit. Speed up your design processes with this free to use support on: ***en.rockfon.international***

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## Let's connect

Give us a call whether you need advice on getting the right acoustic environment for your project, want to hear more about one of our products or just need technical support.

**We're here to help.**

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# Sounds Beautiful

