



Clear Thinking

› Partitions & Doors

Optima





Clear Thinking

At Optima, Clear Thinking defines everything we do – from designing and manufacturing our glass partitioning systems to helping architects and designers create inspiring, high-performance workspaces.

Leading the way

Since 1986, we have set the standard for innovation, craftsmanship, and quality. Operating from our manufacturing facility near Bath, we engineer and install premium glass partitions and doors that elevate commercial offices, laboratories, universities, and prestigious residences worldwide.

Every Optima system is designed with meticulous attention to detail, crafted to the highest standards, and installed with expert care. Our first-class service spans the UK, with dedicated local project teams ensuring seamless delivery on every project.

Optima

✉ Action@OptimaSystems.com
🌐 OptimaSystems.com

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Optima

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Medway Council Innovation Hub, Kent
Optima 117 Plus (Shoreditch Edition)

Pioneering Partitions for over 30 years

› *We're committed to
minimising carbon
emissions throughout
our products' lifecycle.*

MCM Studios, London
Revolution 54 Plus (Shoreditch Edition)





We...



Realise Your Vision

As your design takes shape, our experts collaborate with you, offering technical insight to refine and elevate your ideas. Our high-performance solutions seamlessly integrate aesthetics with precision engineering. Access CAD and BIM files, or work with us to develop bespoke designs tailored to your project.



Innovate Sustainably

We are committed to a more sustainable built environment. Leading the industry with the lowest embodied carbon aluminium, lower-energy coatings, and circular design principles, we minimise environmental impact without compromising on quality. Through our Take Back to Give Back initiative, we recycle Optima-installed systems – reducing waste, conserving resources, and shaping a more sustainable future.



Manufacture with Mastery

From our state-of-the-art, five-acre facility near Bath, our expert designers, engineers, and fabricators uphold the highest standards. With in-house production, we maintain total quality control, provide proactive project support, and ensure consistently short lead times.



Execute with Precision

Flawless execution defines exceptional spaces. Our dedicated project managers and skilled local teams across the UK ensure every system is installed with accuracy and care. As workspaces evolve, we remain a trusted partner, providing maintenance and alterations to futureproof your environment.

Performance Systems

Superior Acoustics

Controlling noise within a workspace is essential to creating a productive and focused environment. Every Optima partitioning system and door undergoes rigorous acoustic testing, verified by independent third-party acousticians. Our performance systems consistently achieve the highest acoustic ratings available.

Stringent Fire Testing

There are no shortcuts to fire safety. Our Technishield fire-rated products undergo extensive fire performance testing to ensure they meet the highest safety standards.

All insulation and integrity results are verified by independent experts. Additionally, our project teams receive specialist fire specification training, providing you with expert guidance and confidence in your designs.

› *We're making a real difference – dedicated to the highest quality products with the lowest carbon impact.*



It's a Point of Principle



Best Practice Manufacturing

As a group we hold the following ISO certifications:

- ISO 14001:2015 (Environment)
- ISO 9001:2015 (Quality)
- ISO 45001:2018 (Health & Safety)



Supporting Sustainable Building Standards

We also have a full set of sustainability statements detailing how our systems contribute towards sustainability-driven construction, including:

- BREEAM
- Ska
- WELL Building Standard
- EcoVadis



Our Journey to Net Zero Carbon (NZC)

Our journey to leadership in sustainable construction started long before legislation. We are recognised internationally for our sustainability approach that addresses all areas of construction product manufacturing.

Our published strategy is to be NZC by 2035, sooner if possible.



Lowest Carbon Materials

We continually seek to use the least environmentally impactful materials while ensuring we track and reduce our environmental impact.

This includes the use of Hydro CIRCAL® aluminium. Manufactured with a minimum of **75% post-consumer scrap**, it has the **lowest embodied carbon** of any commercially available aluminium with only 1.9 CO₂e/kg.

› *No other partitioning manufacturer can offer a lower embodied carbon aluminium system.*

 **Hydro** | Made with
Hydro Circa[®]

Projects

Since 1986, we have contributed to some of the most challenging commercial interior projects worldwide.

Some of these projects include huge global brands, like Apple, Microsoft, PepsiCo and TikTok. Others include close collaborations with renowned architectural studios such as Gensler, HOK, Norman Foster + Partners and Perkins&Will.

We are grateful for the trust all our customers place in us. The following pages highlight some of our more recent regional projects.



Gensler
Edelman, Francis House
©Vigo Jansons

WD-40

Location **Milton Keynes**
Architect **Burt-Jones & Brewer**
Main Contractor **Collins Construction**

Project Overview

For WD-40's new UK headquarters, Burt-Jones & Brewer set out to create a workspace that feels open, collaborative and characterful.

Working closely with Collins Construction, Optima delivered curved glazed partitions across two floors – a technically challenging brief executed by our in-house Special Works team. Slimline aluminium framing, Georgian wire glass and reeded manifestations nod to an industrial aesthetic while ensuring acoustic performance.

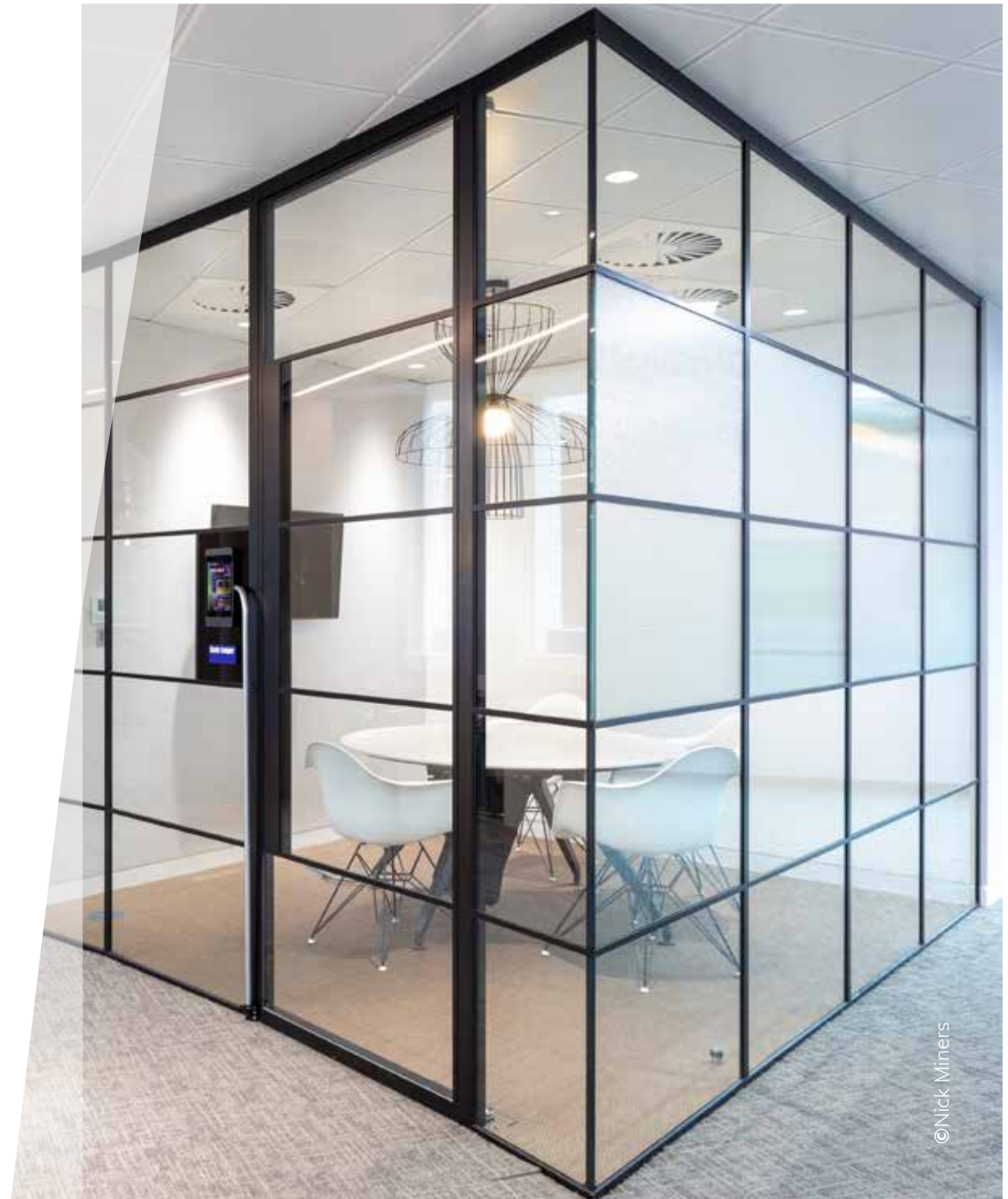
Revolution 100 pivot and sliding doors complete the spec. The result is a considered balance of form and function, perfectly aligned with the client's brand and brief.



Optima 117 Plus (Shoreditch Edition)
with **Edge-Symmetry doors**

Products Installed

- **Optima 117 Plus**
(Shoreditch Edition)
- **Edge Symmetry Doors**
- **Revolution 100**
- **Elite Aero Doors**
- **Kinetic Aero Doors**



©Nick Miners

Estée Lauder

Location **London**
Architect **MCM Architecture**
Main Contractor **BW: Workplace Experts**

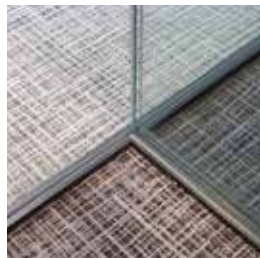
Project Overview

When Estée Lauder chose the landmark building 1 Fitzroy Place as its new European headquarters, its vision was to encourage collaboration by bringing together employees from 5 London offices into a single building. At the same time this single location had to allow each of the 25 different brands including MAC, Jo Malone and Clinique, to retain their own identity.

Estée Lauder appointed leading creative consultancy firm MCM to design the interior of this prestigious 144,000 sq. ft. scheme, set over 10 floors.



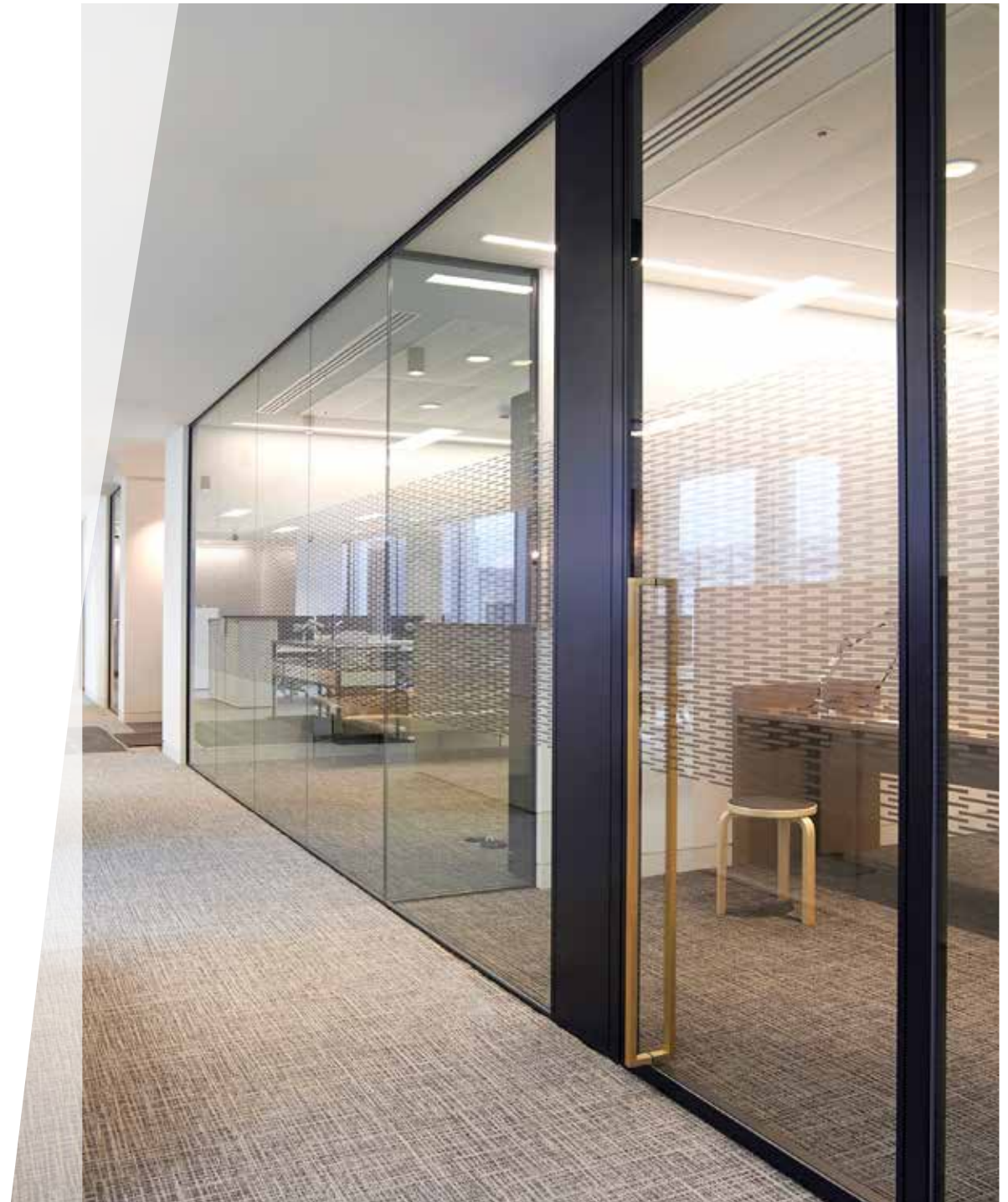
Edge Symmetry door
with bottom pivot



Optima 117 Plus with
Revolution 54 Plus DG fin

Products Installed

- **Optima 117 Plus**
Single-glazed
(Shoreditch Edition)
- **Optima 117 Plus**
Single-glazed
- **Revolution 54 Plus**
Double-glazed
(Shoreditch Edition)
- **Kinetic Aero Doors**
- **Edge Symmetry Doors**
Single-glazed





100 Pall Mall

Location **London**
Architect **Unispace**
Main Contractor **Unispace**

Project Overview

At 100 Pall Mall, Unispace transformed a global investment firm's HQ into a light-filled, flexible workspace.

Optima supplied Revolution 100 double-glazed partitions and Elite Affinity framed doors, delivering a seamless blend of acoustic performance and sleek modernity. The modular, high-spec glazing systems support flexible, hybrid working while enhancing natural light and visual connectivity.

The result is a finely balanced design: quiet zones meet collaborative spaces, all within a low-carbon, high-performance interior aligned with the client's brand and brief.

Products Installed

- Revolution 100
- Elite Affinity Doors

Edelman

Location **London**
Architect **Gensler**
Main Contractor **BW: Workplace Experts**

Project Overview

At Francis House in London, Gensler and BW: Workplace Experts reimagined Edelman's 45,000 sq. ft HQ as a vibrant, people-centric workplace village.

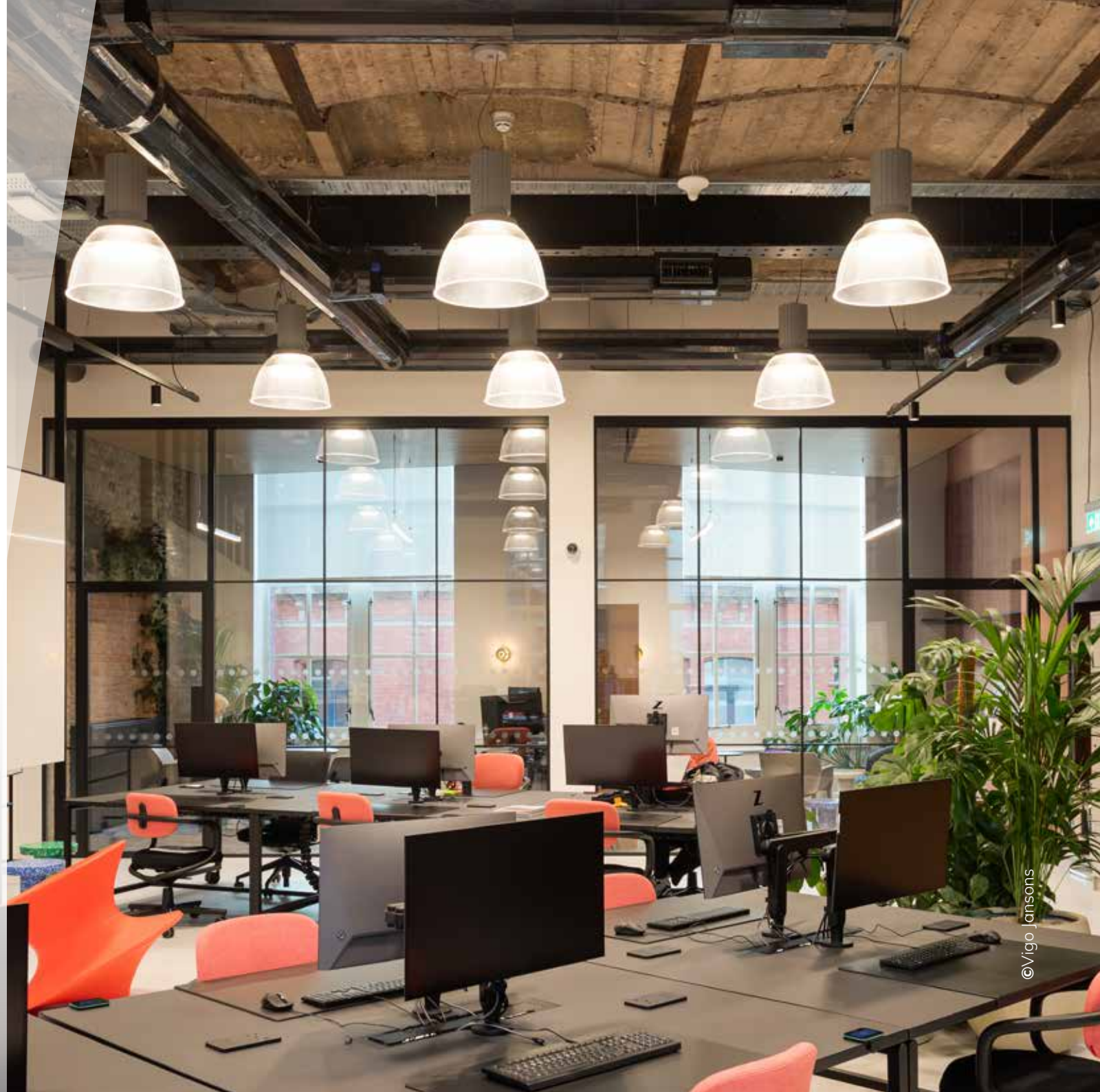
Optima's lower carbon partitions and door sets – Revolution 54 Plus, Revolution 100 side screens, Edge Symmetry doors, and Elite Aero pocket sliding doors – deliver high acoustic performance while seamlessly integrating original structural features.

Across five floors, the glazing enhances daylight and spatial flow, supporting a variety of work modes – from energetic hubs to quiet havens. The result is a beautifully balanced, award-winning interior that reflects Edelman's culture of purpose, community, and collaboration.

Products Installed

- Revolution 54 Plus
- Revolution 100
- Edge Symmetry Doors
- Elite Aero Doors

MIX Project of the Year
AWARDS 'Workplace Interiors 30-70K'
R&D Mix Awards '24



Aecom

Location **London**
Architect **Aecom**
Main Contractor **Overbury**

Project Overview

When global engineering firm AECOM chose to consolidate more than 1,000 employees from across the City into its new office in Aldgate Tower, the big idea was to encourage interaction amongst staff and collaborative working across all departments, including Strategy, Design and Engineering.

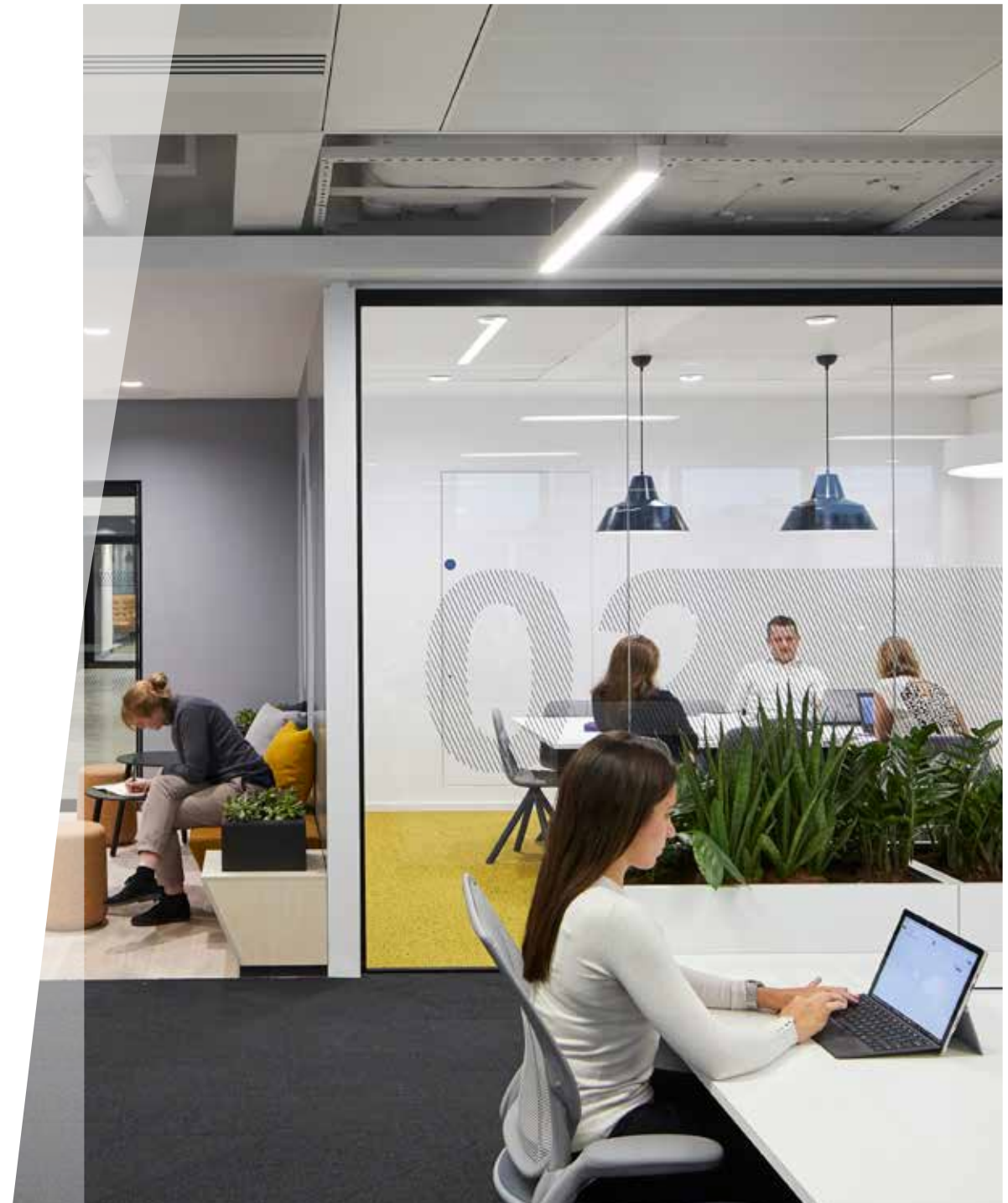
Agile working was to be a key feature of the new culture, with 100% of all staff moving to this new workspace model. With an average of 150 visitors per day, both internal and external, this had to be a space that made an impression on staff and clients alike.



Optima 117 Plus with single glazed Edge-Symmetry door in Microflush frame & room booking system (Shoreditch Edition)

Products Installed

- **Optima 117 Plus**
Single-glazed
(Shoreditch Edition)
- **Optima 117 Plus**
Single-glazed
- **Edge Symmetry Doors**
Single-glazed
(Shoreditch Edition)



Products

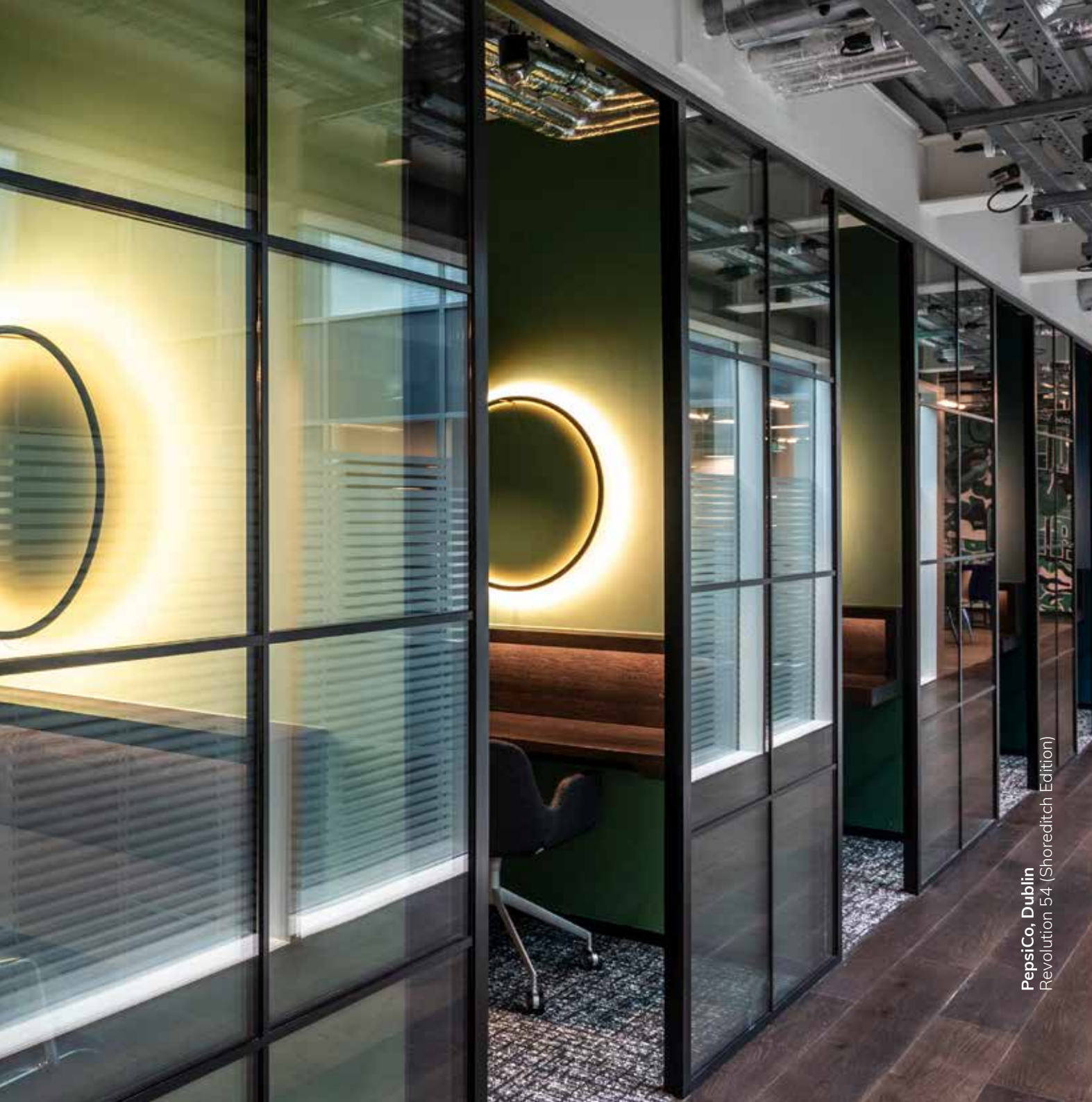
We're dedicated to manufacturing the world's highest-quality, lowest-carbon glazed door and partitioning systems.

By collaborating closely with architects and designers, we ensure our systems meet both performance and aesthetic goals. At the same time, we design with practicality in mind – solving common on-site installation challenges.

Bring your vision to life

If you're looking to elevate your project from excellent to extraordinary, our bespoke solutions have been featured in some of the world's most architecturally acclaimed spaces. We have the expertise, experience and resources to ensure your project stands out – and wins awards.





PepsiCo, Dublin
Revolution 54 (Shoreditch Edition)



› Partitions

- Optima 117 Plus
- Revolution 54 Plus
- Revolution 100
- Shoreditch Edition
- Optima Adaptable Wall
- Adaptable Meeting Room



› Technishield Range



› Doors

- Kinetic Series
- Axile Series
- Edge Series
- Elite Series
- Timber Doors



› Tech Panels



Optima 117 Plus

Optima 117 Plus is a timeless classic. Our elegant, single-glazed partition system features minimal head and base channels with discreet glass to glass dry joints. It's the perfect choice to create the illusion of vast areas of unsupported glass when designing private office cubicles.

Acoustics: Up to R_w 40dB
Deflection: ± 25 or ± 40 mm



Optima 117 Plus
Floor channel with Microflush frame

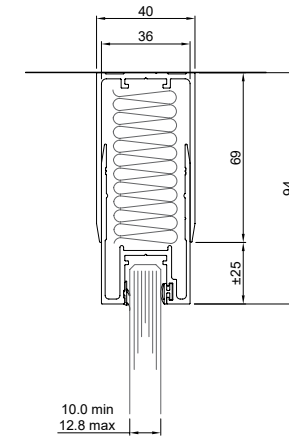




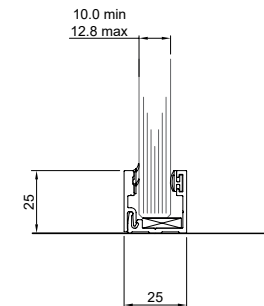
Reliance International, GCC
Optima 117 Plus
with Edge Affinity doors

Details

All measurements in mm



Single glazed head track
with outer upper channel
±25 mm deflection



Single glazed floor track
25 x 25 mm with clip-in bead



Multinational Music Company
Revolution 54 Plus



Revolution 54 Plus

A favourite among designers, Revolution 54 Plus combines exceptional acoustic performance with creative flexibility and slimline aesthetic appeal.

Choose between single or double-glazed options to meet your project's acoustic and design needs. Single-glazed configurations offer centred or offset positioning, giving you greater freedom to achieve your vision.

Adapts with you

Future-ready by design, Revolution systems are fully demountable and easily adapt to evolving acoustic needs. Simply switch between single and double glazing without dismantling frames – for faster, less disruptive renovations.

Acoustics: Up to R_w 46dB

Deflection: ± 25 or ± 40 mm



Revolution 54 Plus
With Microflush door frame



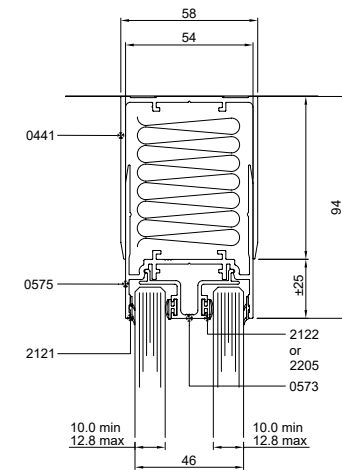
Revolution 54 Plus
Head channel & fin



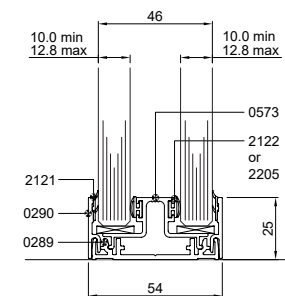
Inmarsat, London
Revolution 54 Plus

Details

All measurements in mm



Double glazed head track
with external upper channel
 ± 25 mm deflection



Double glazed floor track
25 mm flush clip



Revolution 100

The ultimate solution for complete workspace design, Revolution 100 accommodates modern “infinity” glass designs or a bold mullion aesthetic.

Available in both single and double glazing, it provides unparalleled acoustic flexibility across your entire project.

Adapts with you

Future-ready by design, Revolution 100 is fully demountable and effortlessly adapts to evolving acoustic needs. Switch between single and double glazing without dismantling frames – for faster, less disruptive renovations.

Enhanced Acoustics

Designed exclusively for Revolution 100, our Elite series doors deliver superior acoustic insulation, providing privacy and creating quieter, more productive spaces.

Acoustics: Up to R_w 53dB
Deflection: ± 25 or ± 40 mm



Revolution 100 double glazed
Part height screen



Revolution 100 with **Elite Aero**
Pocket sliding doors

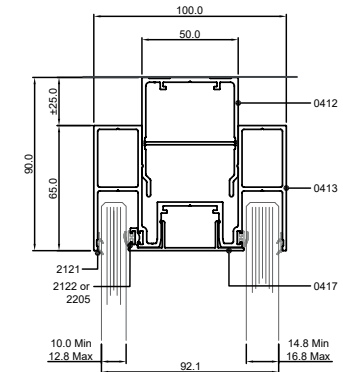




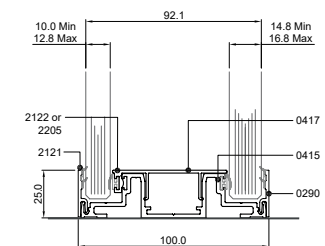
Francis Crick Institute, London
Bespoke Revolution 100 with LED Lighting

Details

All measurements in mm



Head track with inner upper
channel ± 25 mm deflection
double glazed



25 mm floor track
double glazed



Kinetic Align sliding doors
Shoreditch Edition (bespoke reeded)



Shoreditch Edition

As the demand for industrial, urban-inspired designs continues to grow, Optima launched the Shoreditch Edition to capture the essence of the 'New York Loft' aesthetic.

Exclusively available on our Revolution partition systems, Shoreditch features a slimline aluminium frame bonded to the glass. This design ensures structural stability and acoustic performance while delivering the appearance of a hand-crafted, traditional iron-framed partition – perfectly embodying the trend.



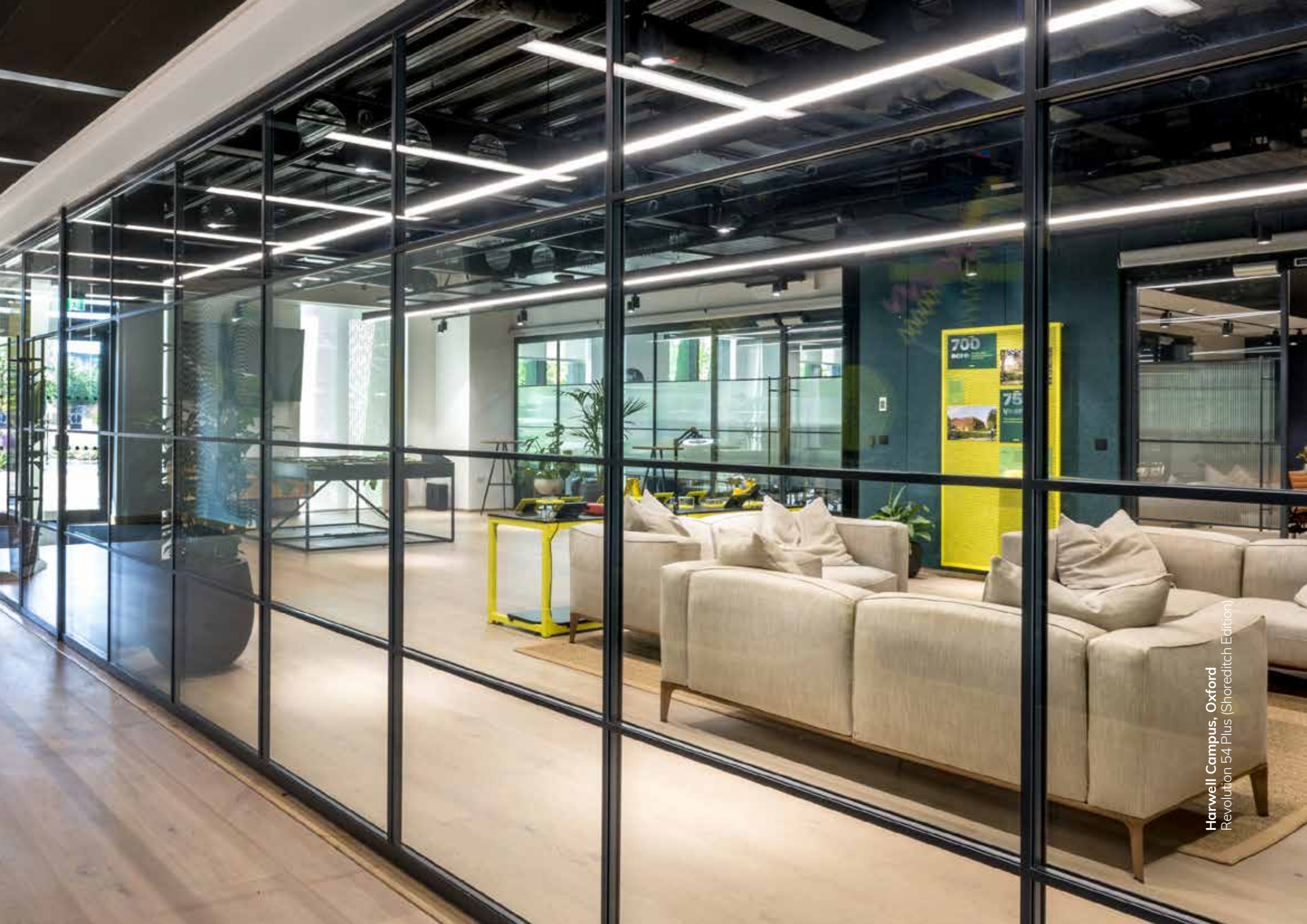
Shoreditch Edition
With bonded aluminium plates



Shoreditch Edition
Bespoke effect



Shoreditch Edition
Reeded effect





Optima

Adaptable Wall

Seamlessly integrating with our Revolution 100 system, the Adaptable Wall delivers style, functionality, and unmatched versatility.

Its fully modular, demountable design supports a diverse range of materials and finishes – from fire-rated fabrics to lush green walls – giving you complete creative freedom.

Smart Installation

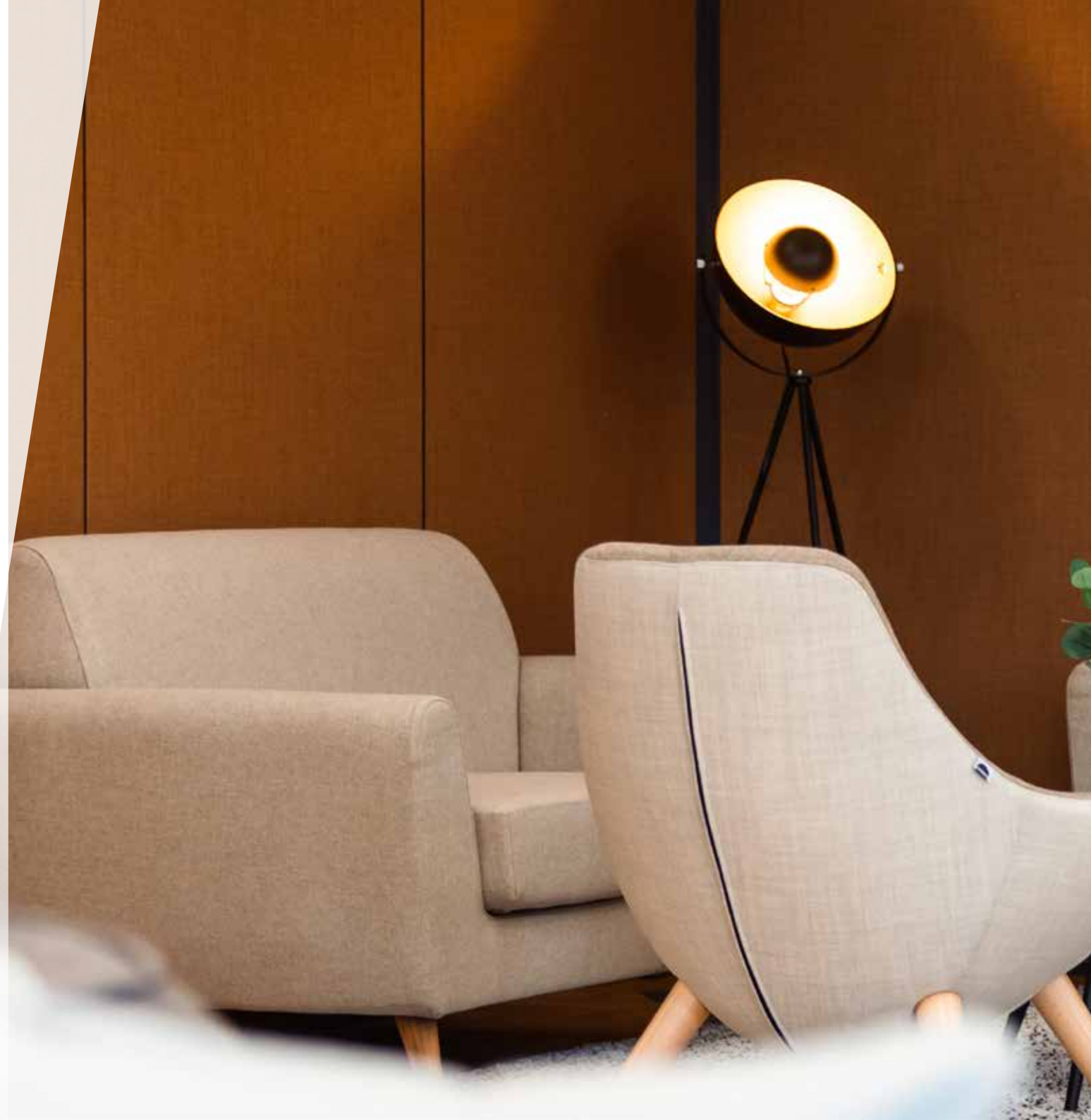
A forward-thinking alternative to traditional drywall, the Adaptable Wall ensures a faster, cleaner installation with no wet trades required – minimising disruption and streamlining the entire fit-out process.

Designed for Dynamic Spaces

Perfect for open-plan environments, it effortlessly creates adaptable zones for impromptu meetings and focused collaboration – striking the ideal balance between openness and privacy, without the constraints of fixed walls.

Acoustics: Up to R_w 51dB

Deflection: ± 25 or ± 40 mm

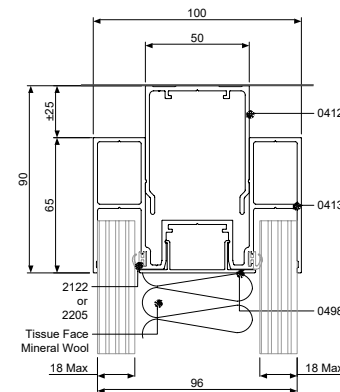




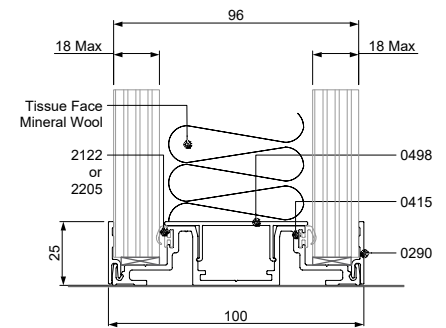
Rider Levett Bucknall, Manchester
Optima Adaptable Wall with Kvadrat fabric

Details

All measurements in mm



±25 mm inner deflection
head track double solid panel



25 mm floor track
double solid panel



Magnetic writable glass



Industrial finish



Laminate panels (MFC)



Living green wall



AMR Adaptable Meeting Rooms

Change the way you meet for good.

As pioneers in Adaptable Meeting Rooms, we create the moveable, changeable, reusable spaces that modern businesses need to meet their sustainability goals.

AMRs are designed for reuse. As well as having low embodied carbon from its manufacture, your meeting room can be used time and time again, even if you move location.

Acoustics: Up to R_w 41dB



Standard AMR Sizes



AMR1



AMR1+1



AMR2



AMR4



AMR6

AMR	Max. Occupancy	External Dimensions (mm)			Internal Dimensions (mm)			Min. Ceiling Height (mm)
		h	d	w	h	d	w	
AMR1	1	2400	1800	2244	2305	1600	2044	2650
AMR1+1	2	2400	1300	3260	2305	1100	1480	2650
AMR2	2	2400	2244	3260	2305	2044	3060	2650
AMR4	4	2400	3260	3260	2305	3060	3060	2650
AMR6	6	2400	3260	4276	2305	3060	4076	2650
AMR8	8	2400	3260	5292	2305	3060	5092	2650



AMR8



Technishield Range



Technishield Fire Screens & Fire Doors
Designed to integrate seamlessly with fire safety and evacuation plans, Technishield products provide up to 120 minutes of fire integrity and insulation – delivering robust protection without compromising on design.

Fire safety demands precision. Even the smallest details can significantly impact overall performance. That's why we recommend consulting our fire-trained specification specialists during the design process. With expert guidance and best practice advice, we'll help ensure your design meets regulations with confidence.



Technishield 65
EI60 double doors (Shoreditch Edition)

Fire resistance period (mins.) for integrity (E) & insulation (I)

Screens & doors	E30	EI30	E60	EI60	E90	EI90	E120	EI120
Technishield 25*	●							
Technishield 54*	●							
Technishield 50	●		●		●		●	
Technishield 65-30		●						
Technishield 65-60				●				
Technishield 70						●		
Technishield 110								●
Technishield Facade	●	●	●	●	●	●	●	●

*Shoreditch Edition not available

Note Acoustic performance varies with glass type and configuration. Please speak to us directly for more information.

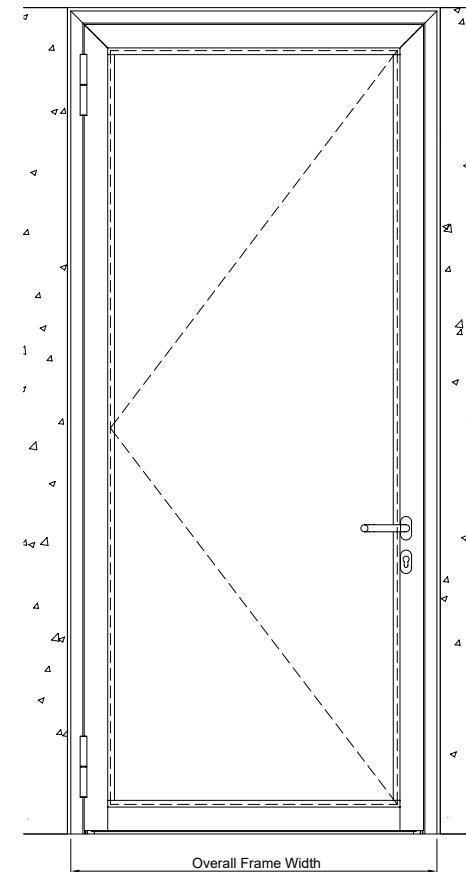




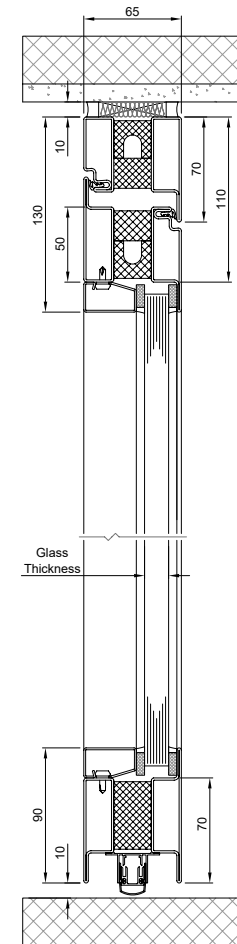
Image ©Forster AG

Details

All measurements in mm



Elevation showing Technishield 65
EI30 single door set on hinges



Section through Technishield 65
EI30 single door set on hinges



Axile Series

Doors

The Axile series provides a pivot-hinge alternative to our Kinetic sliding doors, offering the same clean, elegant aesthetic.

For a completely frameless look with chic, clear lines, Axile Pulse is the perfect choice. If enhanced acoustic performance is required, Axile Clarity integrates with a minimal 'Microflush' frame, combining style with function.

Axile Pulse | Frameless

Acoustic Performance: Minimal

Axile Clarity | Microflush Frame

Acoustic Performance: $R_w 32\text{dB}$



Axile Pulse double door set



Veolia, Dubai
Axile Clarity



Kinetic Series Doors

The Kinetic range of elegant, space-saving sliding doors is designed to integrate effortlessly with our single-glazed Optima 117 Plus partitioning system.

Whether you're aiming for a clean, frameless aesthetic or prioritising acoustic performance, Kinetic offers a tailored solution to match your design vision.

Kinetic Light | Frameless
Acoustic Performance: Minimal

Kinetic Seal | Frameless
Acoustic Performance: R_w 24dB

Kinetic Aero | Framed
Acoustic Performance: R_w 33dB

Kinetic Align | Framed
Acoustic Performance: R_w 36dB



Kinetic Light
Sliding door



Kinetic Seal
Sliding door



Kinetic Aero
Bi-parting sliding doors



Grain House, London
Kinetic Align
Photo: Philip Vile



Elite Series

Doors

Performance without compromise.

The Elite series – our highest-performing range of framed pivot-hinge and sliding glass doors – is engineered to seamlessly complement our Revolution 100 partition system. Setting a new industry benchmark, Elite delivers acoustic performance comparable to high-spec timber door sets – with the added benefit of uninterrupted natural daylight.

Elite Aero | Framed

Acoustic Performance: R_w 39dB

Elite Symmetry | Framed

Acoustic Performance: R_w 43dB

Elite Affinity | Framed

Acoustic Performance: R_w 45dB



Elite Affinity



C&D Capital, Melbourne
Elite Aero



Edge Series Doors

Glass doors have traditionally struggled to match the acoustic performance of timber. The challenge? Effectively sealing the door to prevent sound leakage.

The Edge series is the result of extensive R&D, designed to overcome this challenge with precision. Our innovative range of framed single and double-glazed Edge door options delivers acoustic performance on par with bespoke timber doors – an impressive achievement in door design.

Edge Bi-Fold | Framed

Acoustic Performance: R_w 33dB

Edge Symmetry | Framed

Acoustic Performance: Up to R_w 41dB

Edge Affinity | Framed

Acoustic Performance: Up to R_w 42dB

Edge Affinity Plus | Framed

Acoustic Performance: Up to R_w 41dB



Edge Bi-Fold (Shoreditch Edition)



Edge Symmetry (Shoreditch Edition)



Edge Affinity Plus



Coverys, London
Edge Affinity



Timber Doors

Engineered timber doors and door sets continue to be a popular choice, offering a warm, natural, and tactile finish.

Supplied as complete door sets, our timber doors and frames are precision-crafted to meet your design intent, whether you require split frames or rebated frames for a seamless, flush-fitting leaf.

44 mm Timber Door

Acoustic Performance: R_w 31dB

54 mm Timber Door

Acoustic Performance: R_w 33dB





Tech Panel

Room booking technology prevents the mishap of entering the wrong meeting, but managing cabling with glazed partitions can be challenging.

Our Tech Panels discreetly conceal cables while maintaining acoustic integrity – creating a seamless, integrated aesthetic that surpasses bolt-on alternatives.

We offer two standard Tech Panels, plus bespoke options:

In-Line

A flush, slimline look for Revolution 54 Plus and Revolution 100

3D

A 'picture-frame' design with added cavity depth for Revolution 54 Plus and Optima 117 Plus

Available finishes:

- Powder-coated aluminium
- Anodised aluminium
- Face-laminated timber
- Back painted glass

Acoustics: Up to R_w 42dB

Product Details

Product Comparison

Partition Range

	Acoustics R _w (dB) (max value)	Single Glazed	Double Glazed	Head/Floor Track					Deflection Head Options ±25 mm/ ±40 mm	
				Depth 25 mm	Depth 50 mm	Width 25 mm	Width 36 mm	Width 40 mm	Internal	External
Revolution 100, Optima Adaptable Wall & Shoreditch Edition	53	●	●	●	●				●	●
Revolution 54 Plus & Shoreditch Edition	46	●	●	●	●					●
Optima 117 Plus & Shoreditch Edition	40	●		●	●	●	●	●	●	●
Adaptable Meeting Room (AMR)	41	●	●							

Door Range

	Acoustics R _w (dB) (max value)	Single Glazed	Double Glazed	Swing Door	Sliding Door	Compatible with			
						Optima 117 Plus	Revolution 54 Plus	Revolution 100	AMR
Kinetic Series	36	●			●	●	●		
Axile Series	32	●		●		●			
Edge Series	42	●	●	●		●	●	●	●
Elite Series	45	●	●	●	●			●	
Timber Doors	33			●		●	●	●	

Range of RAL colours and special paint finishes, powder coated or anodised
Range of door ironmongery including pull/lever handles, locks and hinges

Finishes

Discover our meticulously curated selection of finishes, designed to elevate any partition or door frame with style and sophistication.

From rich textures to striking colours, our range adds depth and individuality to any space. For truly distinctive projects, we also offer bespoke finishes crafted to your exact specifications.

Please contact our team to discuss and we would be delighted to assist.



GAM, London
'Brushed Bronze'
Bespoke finish

Bespoke Design Service

At Optima, our standard partition systems set the benchmark for performance and aesthetics.

But where we truly excel is in crafting bespoke solutions – blending innovation, craftsmanship, and design expertise to transform ambitious visions into reality.



Shoreditch Edition (bespoke)

Realising Your Vision

If you're looking to elevate your project from excellent to extraordinary, our bespoke solutions have been featured in some of the world's most architecturally acclaimed spaces. We have the expertise, experience and resources to ensure your project stands out – and wins awards.

In Collaboration

Collaboration is at the heart of everything we do. Our designers work closely with our manufacturing team to ensure every aspect of product testing is meticulously considered. From precision-engineered mock-ups to custom samples, we refine every detail to bring your vision to life.

Our Legacy

We are proud to have contributed to iconic projects where our bespoke glass partitions have helped shape breathtaking workspaces. More than just functional solutions, our creations leave a lasting legacy of design excellence.



Dealogic, London
Raked glass



Malvern, UAE
Optima 117 Plus
(Shoreditch Edition)

🌐 OptimaSystems.com
✉ Action@OptimaSystems.com

in Optima Systems
@ optima_glass
▶ Optima Systems

Optima