



Welcome To Mod-U-Lok *Temporary Structure* System.

Mod-U-Lok is a flexible modular framing system engineered for businesses that need adaptable, future-ready spaces. Combining proven technology with simple installation, its range of curved and rectilinear components can be quickly connected to create reconfigurable structures tailored to changing needs. The result is a versatile, scalable solution designed to maximise efficiency, flexibility and ease of use across a wide range of environments.





55

62

Unibox has expanded the Mod-U-Lok range with the addition of a new 62mm frame depth, complementing the established 55mm system and giving customers greater flexibility to match the right profile to their project.

The 55mm frame remains a go-to choice for lightweight displays and exhibition structures where compactness and easy handling are a priority.

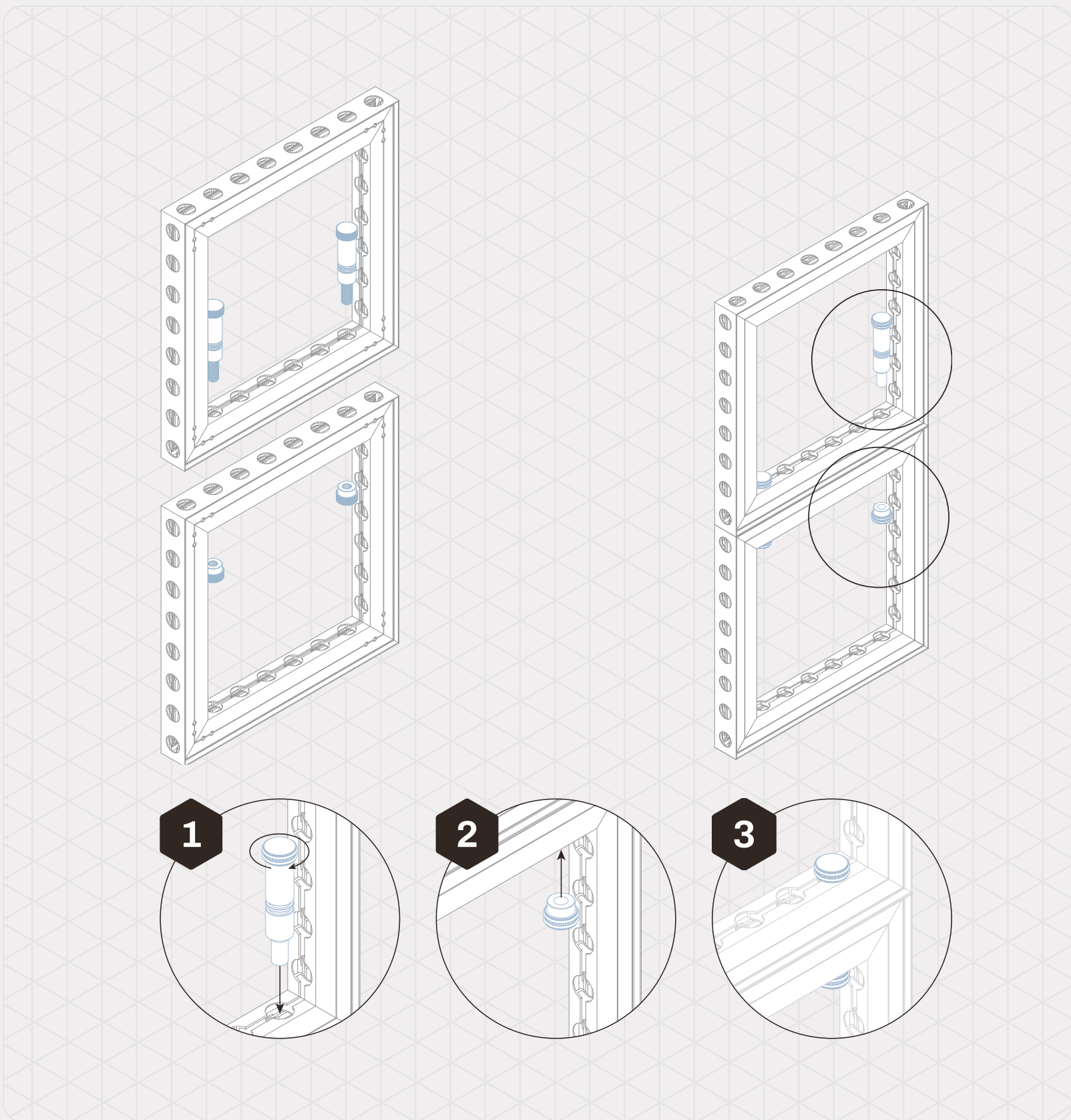
The new 62mm frame steps up with greater rigidity and stability, ideal for larger builds or more demanding applications. Its 62mm grid design also makes the frames easy to work with, simplifying construction and helping to close gaps within framework structures cleanly. Together, the two profiles ensure there's a Mod-U-Lok solution for virtually any requirement.

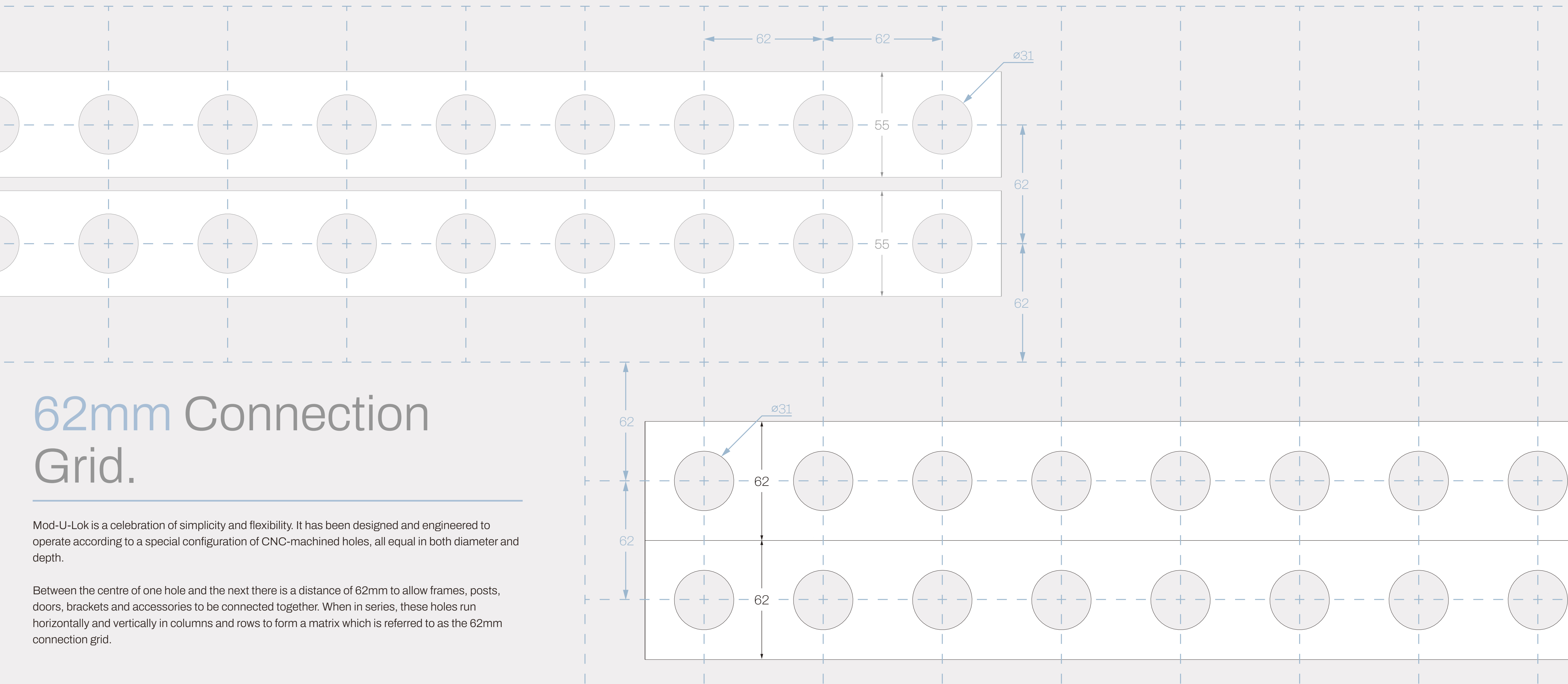




Frame Connections.

Mod-U-Lok frames are connected together using components developed in-house by our team of design experts. Formed using precision engineering and built out of ultra-durable yet recyclable materials, our tool-free connectors link frames together in series and parallel with one another via CNC-machined holes measuring 62mm from centre to centre. Although the design process was complex and considered, Mod-U-Lok connectors are straightforward to use without the need for any specialist training.





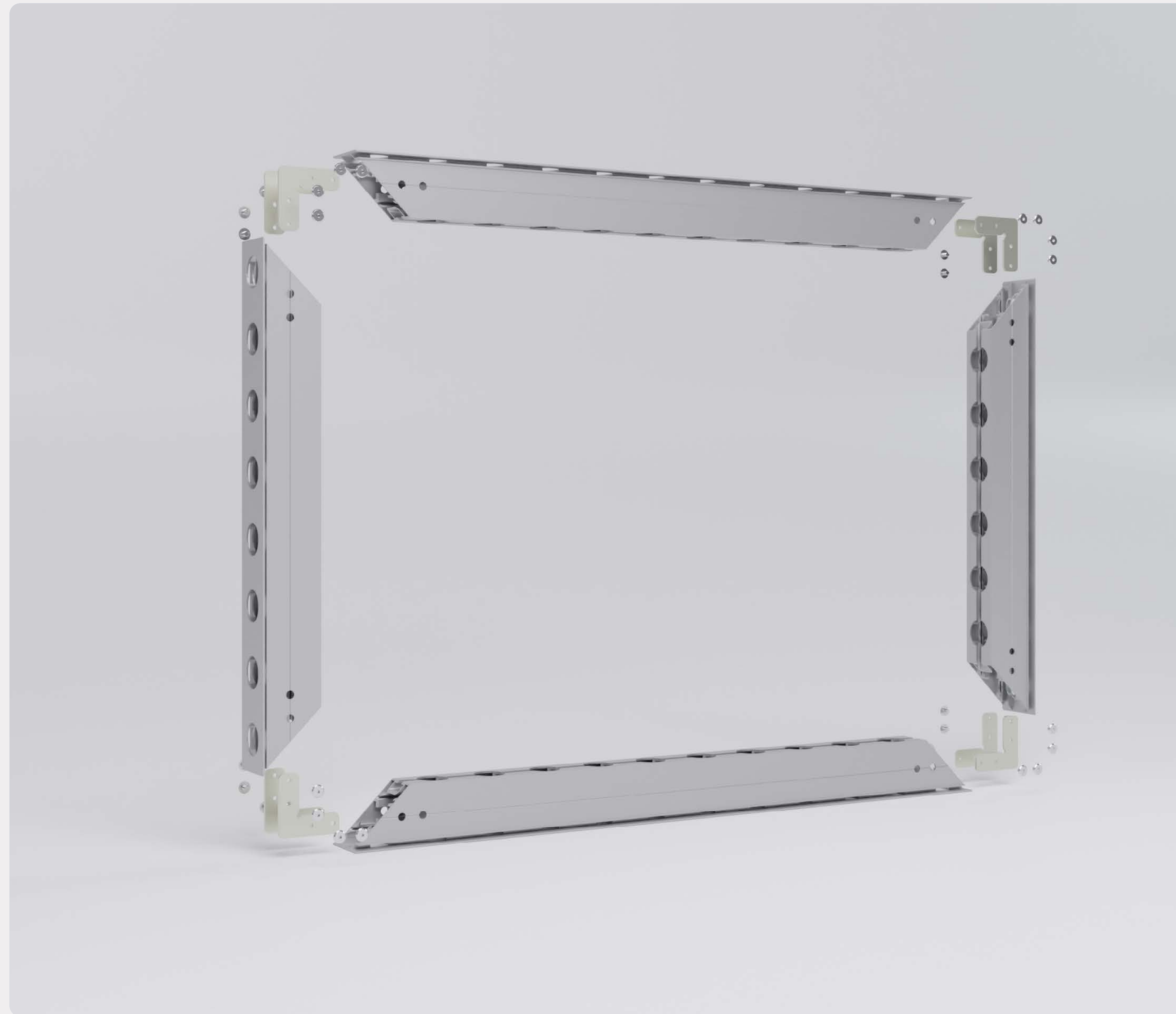
62mm Connection Grid.

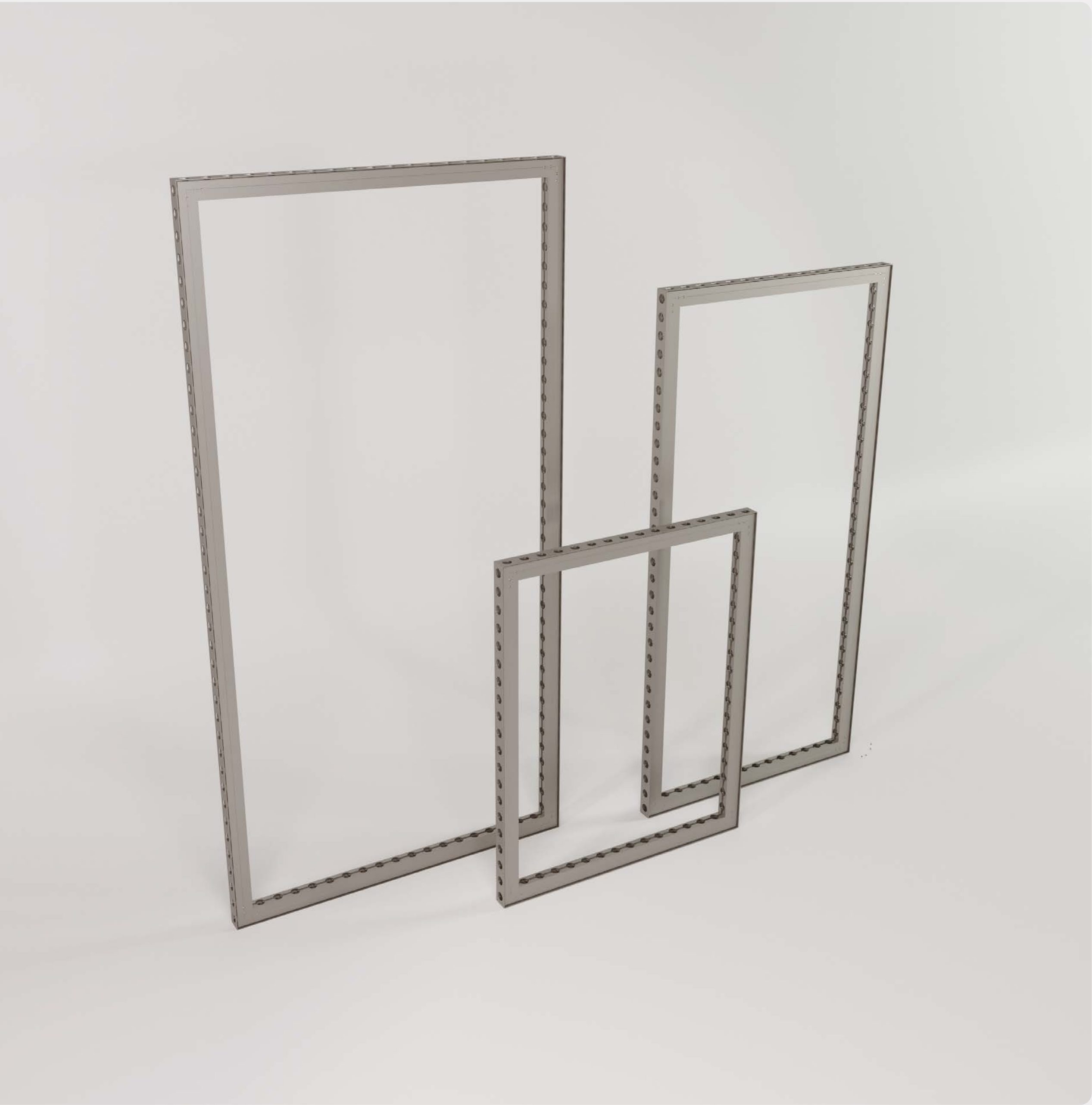
Mod-U-Lok is a celebration of simplicity and flexibility. It has been designed and engineered to operate according to a special configuration of CNC-machined holes, all equal in both diameter and depth.

Between the centre of one hole and the next there is a distance of 62mm to allow frames, posts, doors, brackets and accessories to be connected together. When in series, these holes run horizontally and vertically in columns and rows to form a matrix which is referred to as the 62mm connection grid.

Frame Assembly.

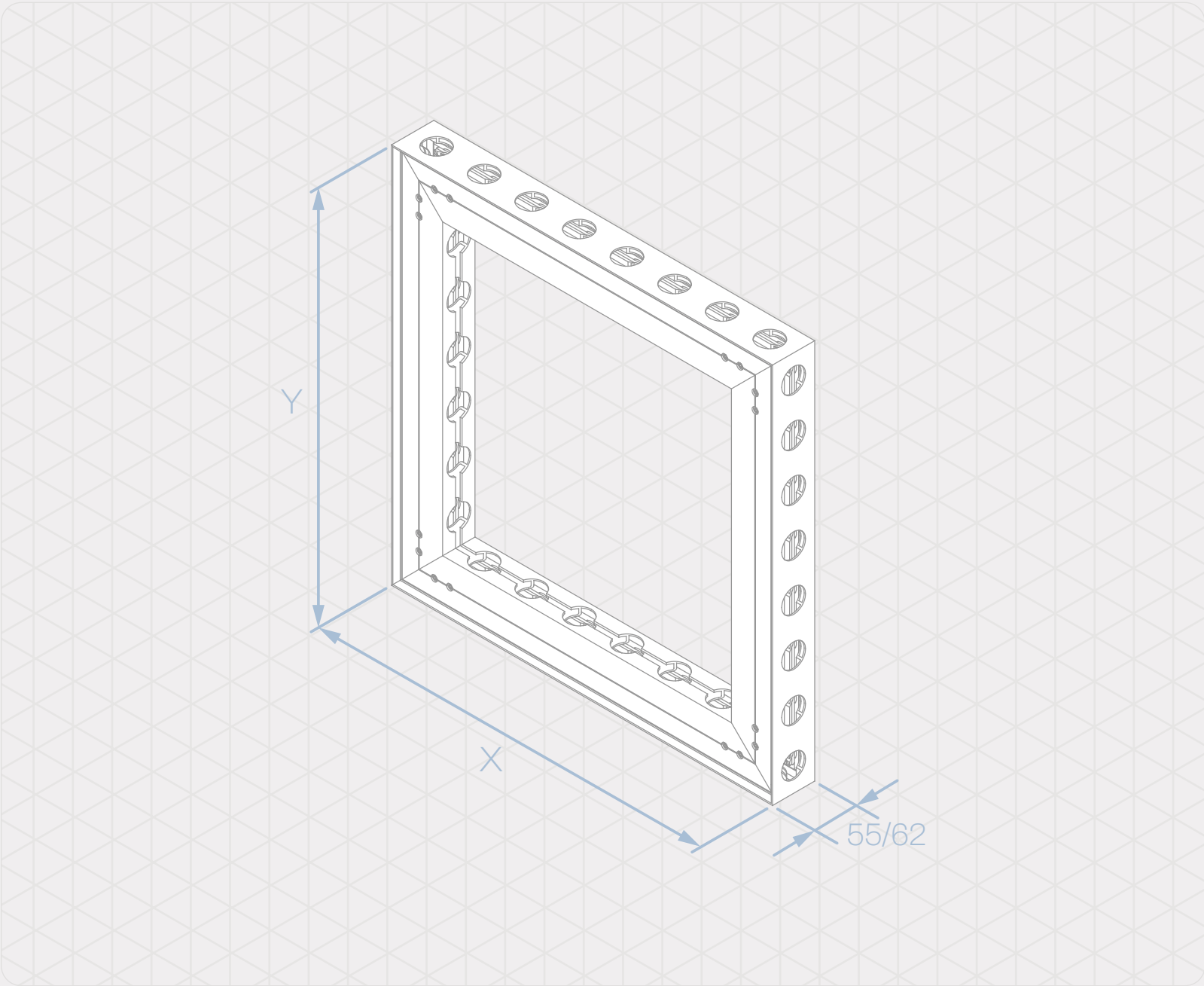
Every aluminium profile, connector and accessory in the Mod-U-Lok range has been engineered to disassemble and reassemble with nothing more than an Allen key. Structures can be packed down quickly, transported between events with ease, and stored away for future use, making Mod-U-Lok a practical, cost-effective and environmentally responsible choice for projects of all kinds.





Straight Frames.

Both 55mm and 62mm frames are available in a wide range of modular sizes, all built around the 62mm connection grid. Using Unibox's specially engineered corner connectors, frames can be supplied pre-assembled for speed and convenience, or in knock down format for straightforward transportation and storage. Whichever option you choose, structures can be effortlessly dismantled and reassembled, making it simple to repurpose or relocate them as your needs change.

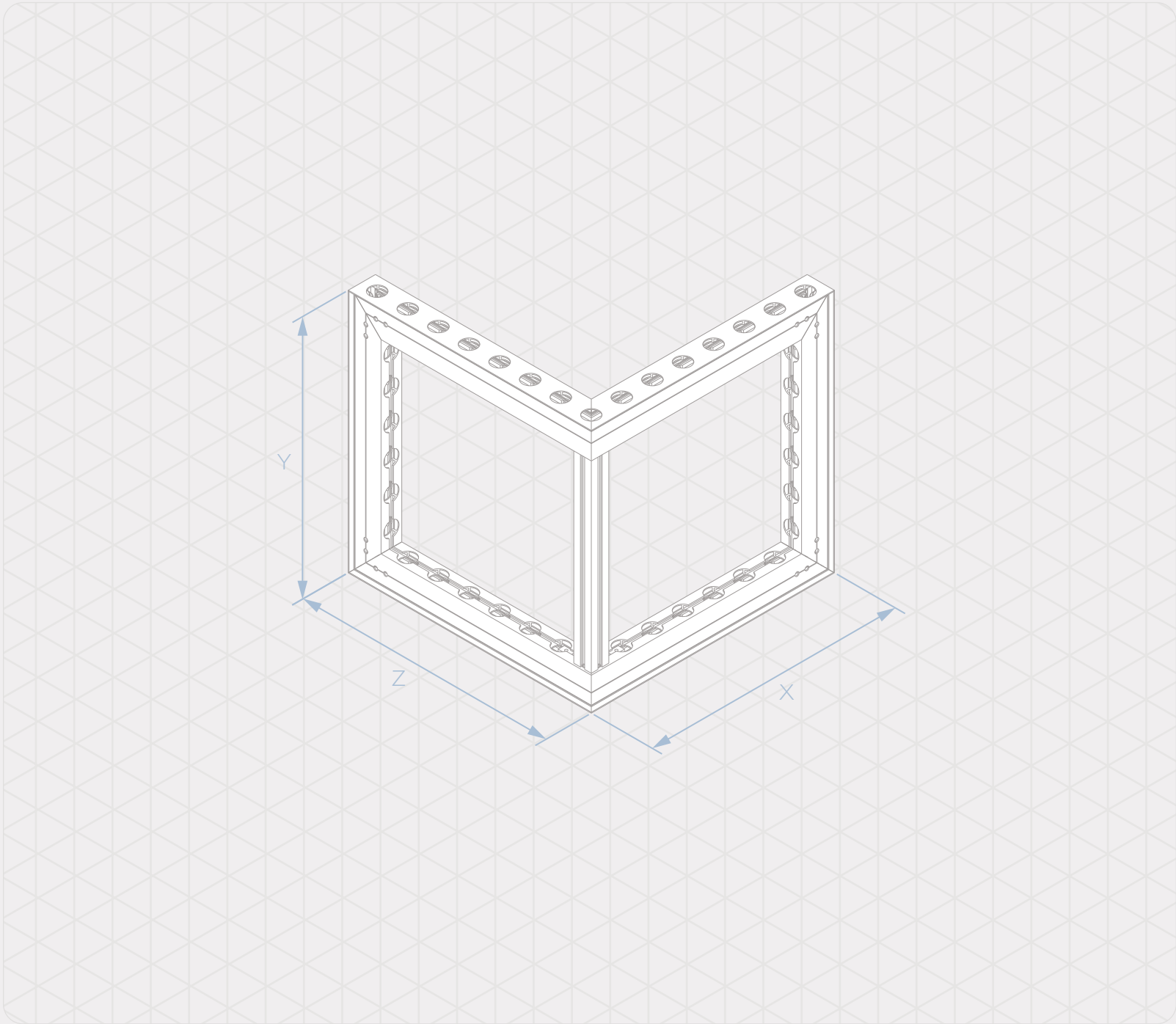


Frame Depth	Min W (X)	Min H (Y)	Max W (X)	Max H (Y)
55	310	496	1488	2976
62	310	496	1488	2976

For more detailed information, please see our technical guide / Custom sizes available on request.

Seamless Corner

Seamless corner frames are fully compatible with the entire range of Mod-U-Lok frames. They make it possible to achieve elegant, clean lines in structures of all shapes and sizes, on both internal and external faces.



Frame Depth	Min W (Z/X)	Min H (Y)	Max W (Z/X)	Max H (Y)
55	244.5	496	492.5	2976
62	310	496	496	2976

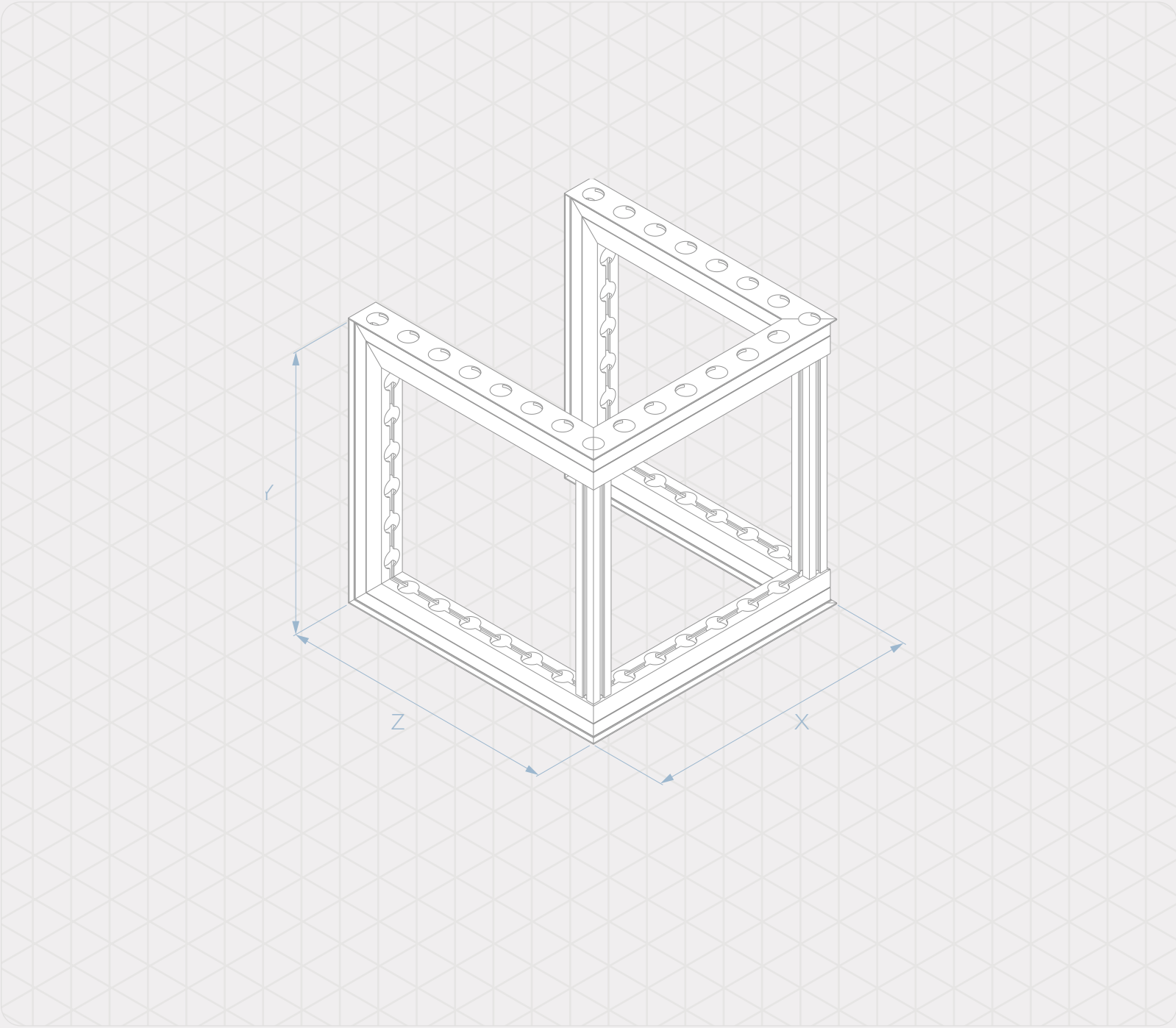
For more detailed information, please see our technical guide / Custom sizes available on request.





Seamless U

Seamless ‘U’ frames are fully compatible with the entire range of Mod-U-Lok frames. They make it possible to create sleek columns and tower-shaped structures of all shapes and sizes, both on internal and external faces.

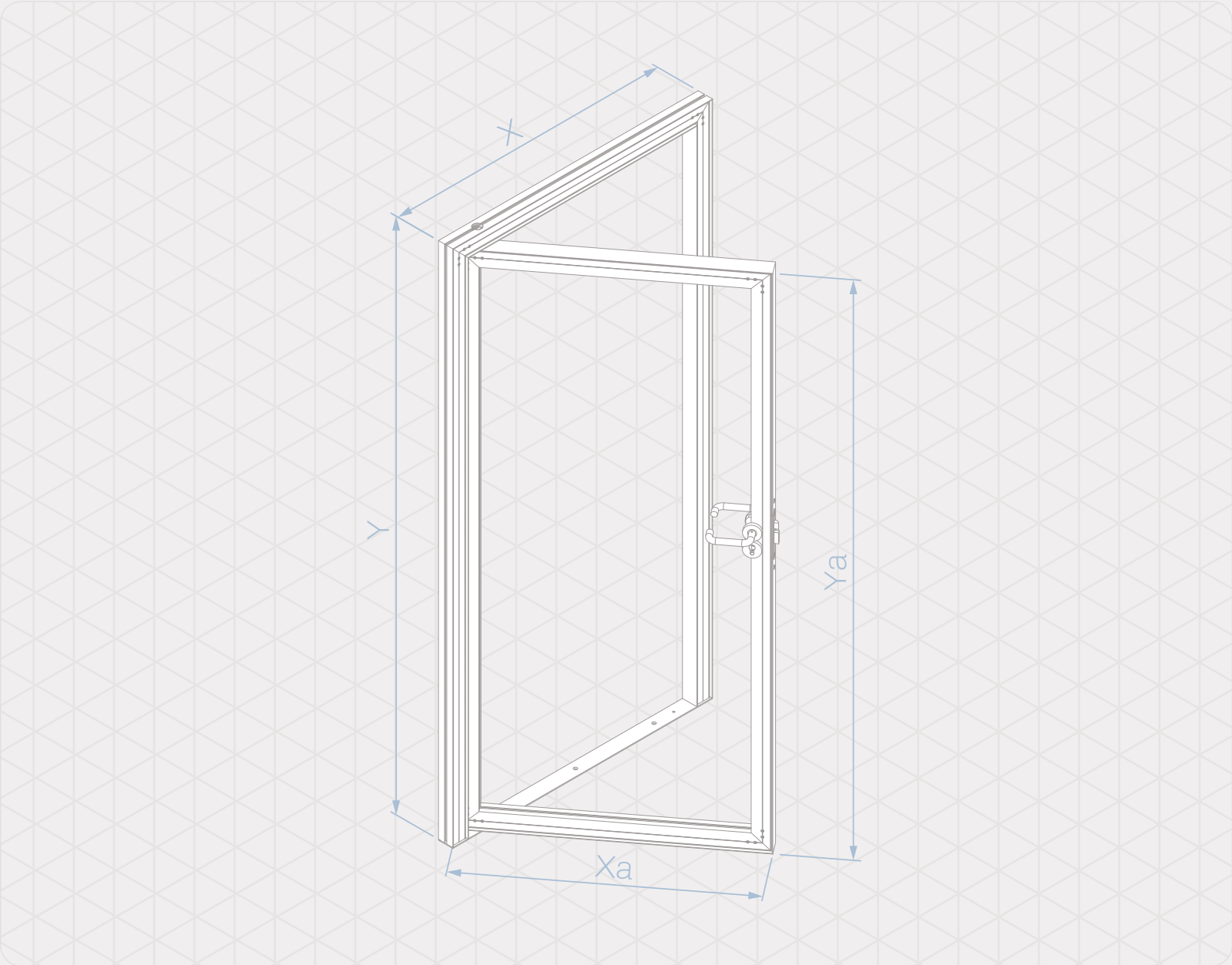


Frame Depth	Min W (Z/X)	Min H (Y)	Max W (Z/X)	Max H (Y)
55	244.5	496	492.5	2976
62	310	496	496	2976

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Doors

Mod-U-Lok doors and door frames are available in standard and custom sizes to suit your specific requirements. Each door is supplied with pivot hinges and locking mechanisms, all of which are located neatly within CNC-machined holes to preserve the overall aesthetic of your structure. Door frames can be connected to both straight and curved frames by using the Short Connecting Pin and T-Bolt.



Frame

Frame Depth	Min W (X)	Min H (Y)	Max W (X)	Max H (Y)
55	992	1984	1240	2418
62	992	1984	1240	2418

Door

Frame Depth	Min W (Xa)	Min H (Ya)	Max W (Xa)	Max H (Ya)
55	868	1922	1116	2914
62	868	1922	1116	2914

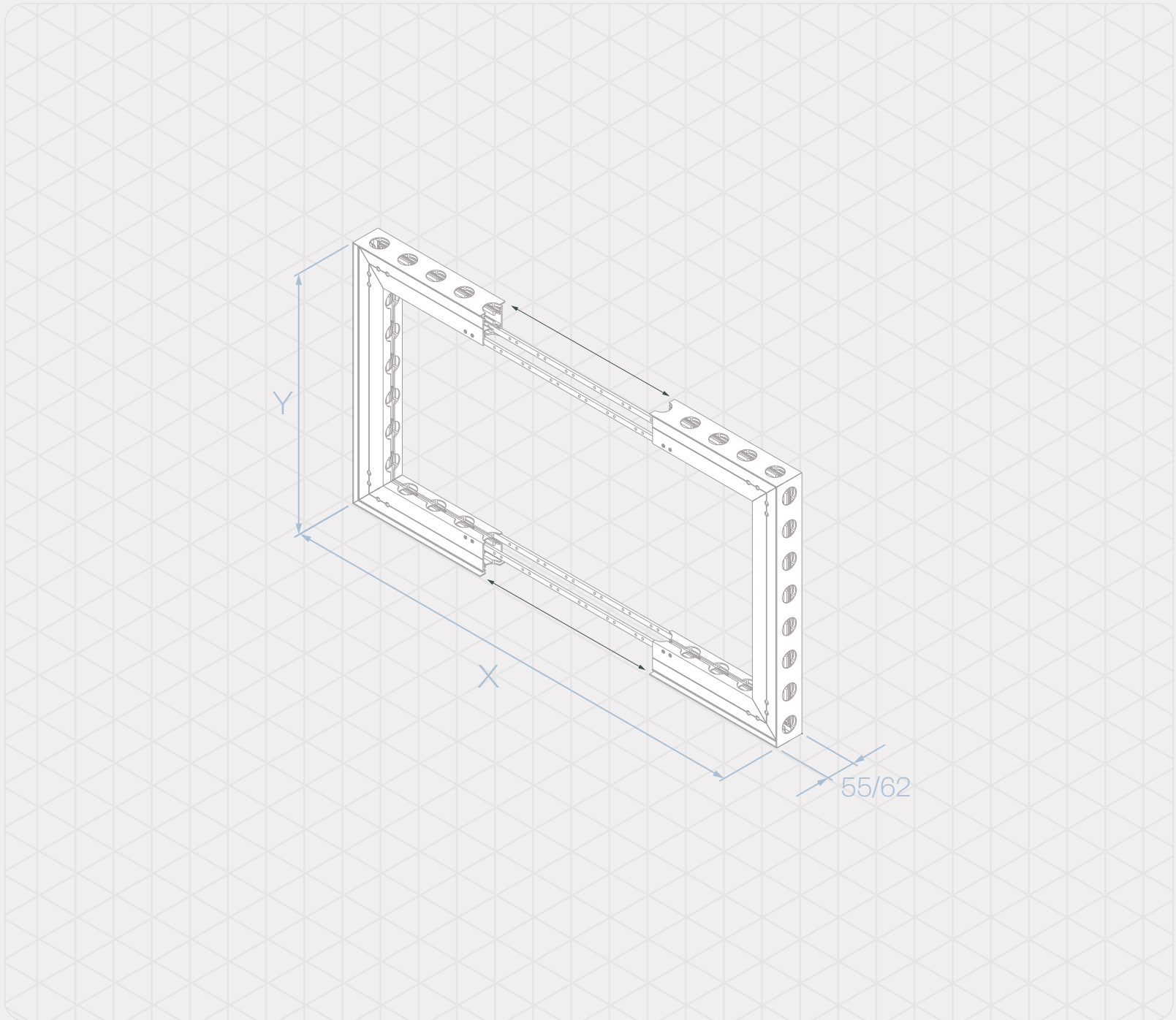
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Adjustable Frame

Mod-U-Lok structures can also be built using adjustable frames. These complement the core range of straight and curved frames to offer you an even greater amount of flexibility when it comes to specifying custom dimensions. Thanks to careful engineering, frames can be adjusted by up to 372mm in 62mm increments using nothing but an Allen key.

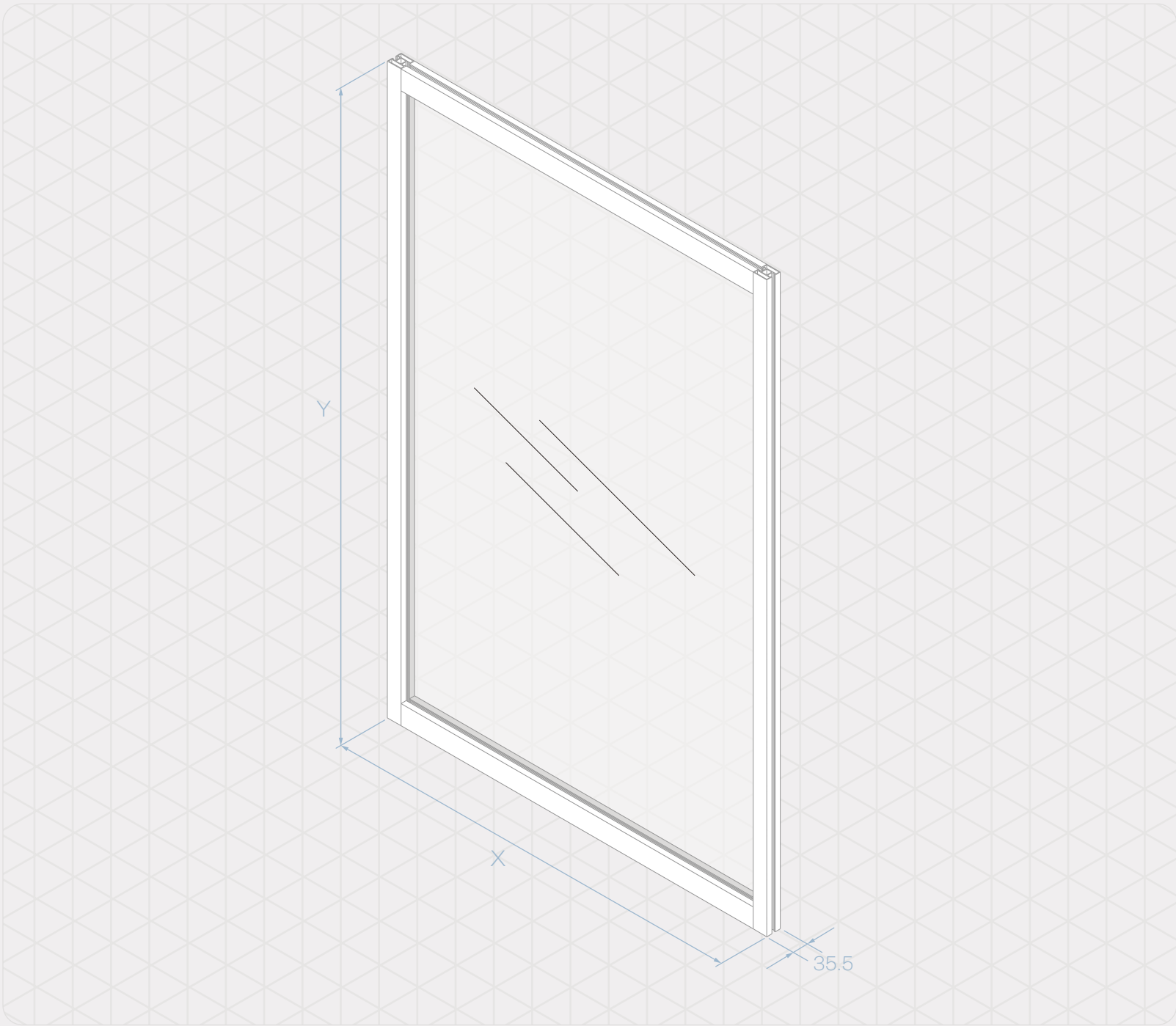


Frame Depth	Min W (X)	Min H (Y)	Max W (X)	Max H (Y)
55	558	310	930	2976
62	558	310	930	2976

For more detailed information, please see our technical guide / Custom sizes available on request.

Glazed Panels

Panels housed in aluminium frames made from Unibox System profiles can be supplied to enhance Mod-U-Lok structures by creating windows to allow additional light to enter into a space. With Unibox System and Mod-U-Lok being engineered to be fully compatible with one another, panels can be built into Mod-U-Lok structures without the need for any additional tools or fixing brackets.



Frame Depth	Min W (X)	Min H (Y)	Max W (X)	Max H (Y)
35.5	310	496	992	2976

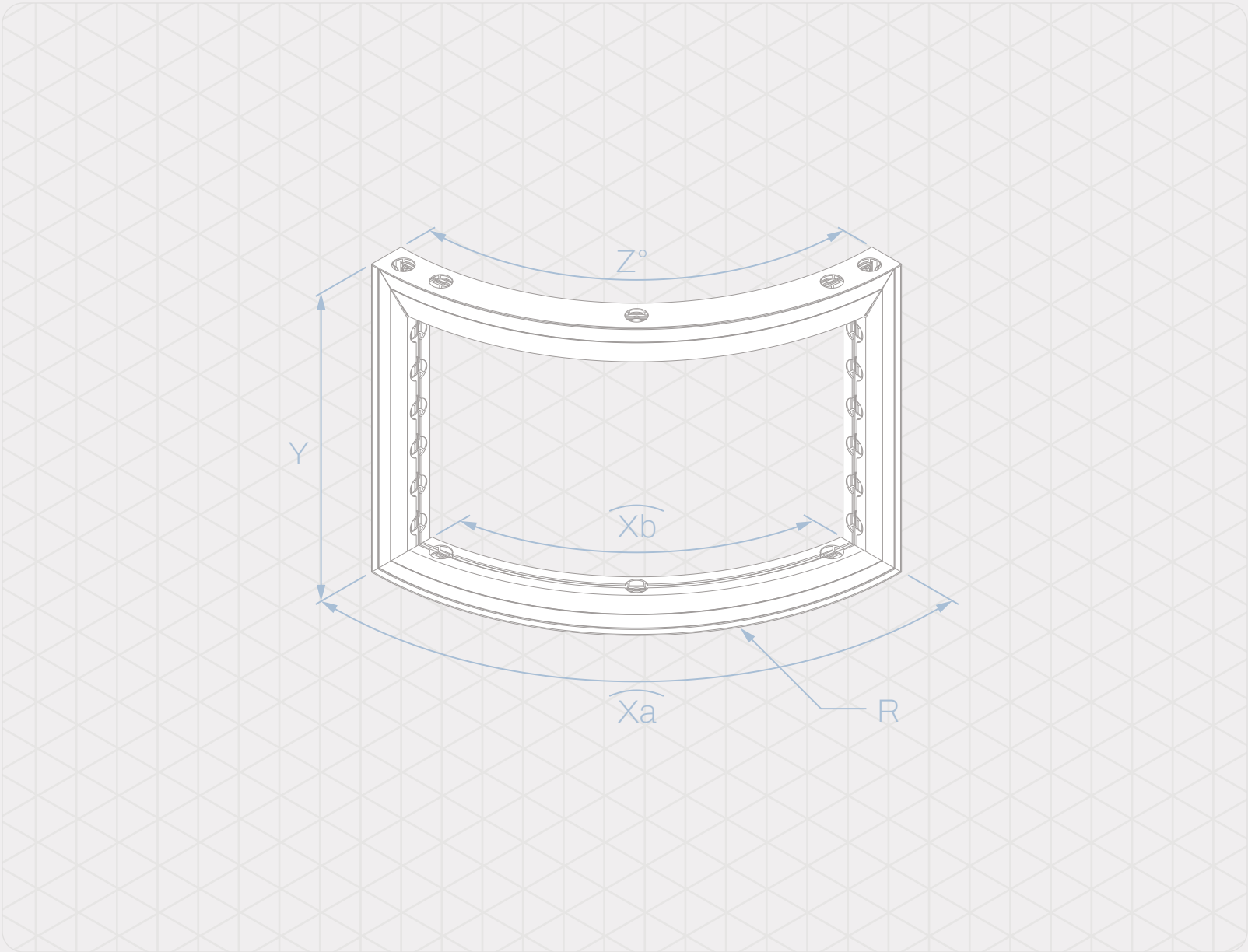
For more detailed information, please see our technical guide / Custom sizes available on request.





Curved Frames.

Curved Mod-U-Lok frames are compatible with the full range of frames and are available in both quadrant (90°), octant (45°) and hexadecagon (22.5°) formats. Curved frames accept pre-curved and flexible panels and fabrics and can be supplied with specially-designed support membranes to prevent tension fabrics from distorting when stretched into position.

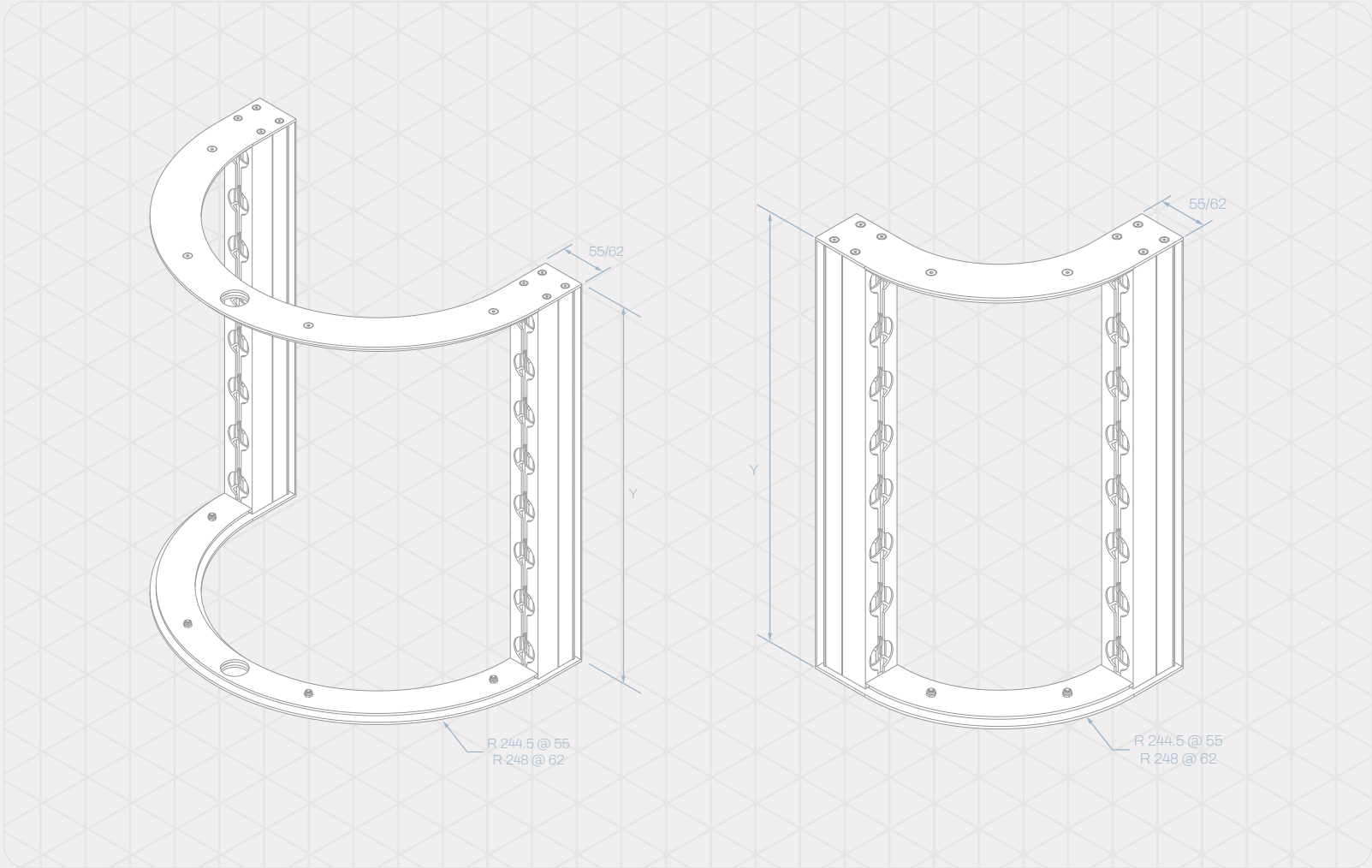


Frame Depth	Rad (R)	Angle° (Z)	Min H (Y)	Max H (Y)
55	492.5	90	496	2976
	988.5	45		
	1484.5	45		
	2972.5	22.5		
62	496	90	496	2976
	992	45		
	1488	45		
	2976	22.5		

For more detailed information, please see our technical guide / Custom sizes available on request.

Curved Frames (Capped).

For structures with especially acute corners and small radii, capped frames offer the best solution. Consisting of triple-layered plates, these frames with laser-cut ends ensure that issues such as warping and distortion do not arise when aluminium profiles are curved to tight radii to achieve certain shapes. As with standard Mod-U-Lok curved frames, they are available with fabric support membranes.



Frame Depth	Rad (R)	Angle° (Z)	Min H (Y)	Max H (Y)
55	492.5	90	496	2976
	988.5	45		
	1484.5	45		
	2972.5	22.5		
62	496	90	496	2976
	992	45		
	1488	45		
	2976	22.5		

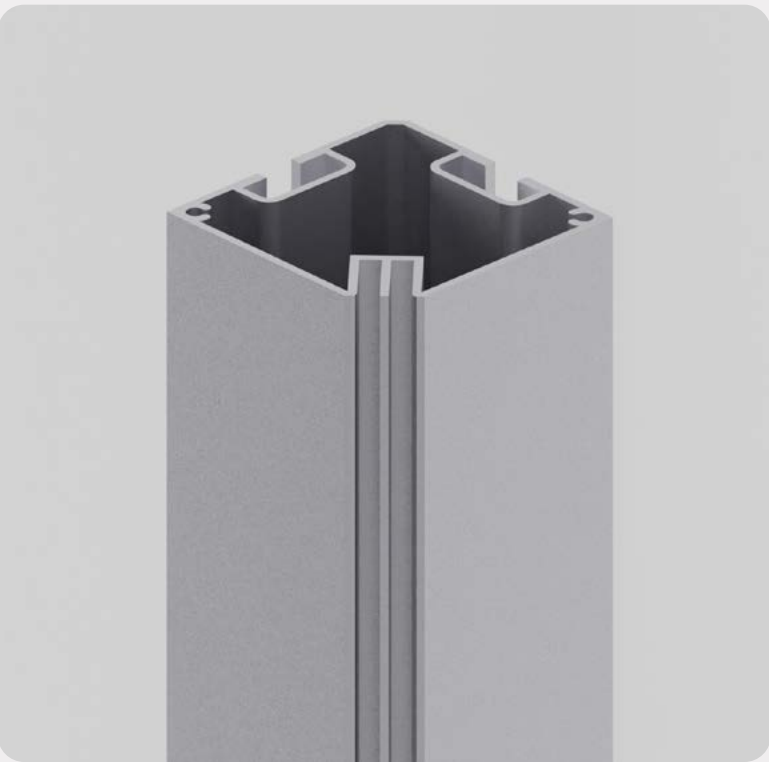




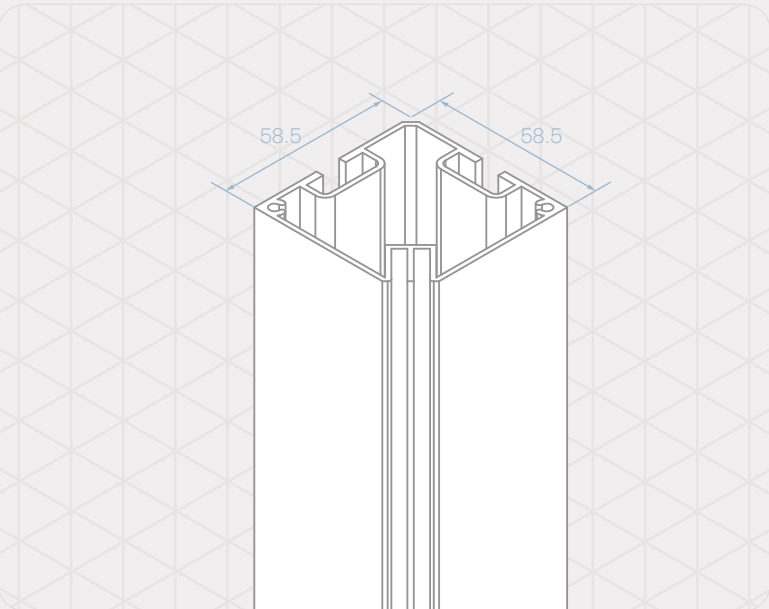
Posts

Two-Way TFS Post

Mod-U-Lok Two-Way TFS posts are an alternative way of connecting both straight and curved frames together to create structures suited to your specific requirements and applications. They are fixed onto frames using Short Connecting Pins and T-Bolts and allow tension fabric graphics to meet seamlessly at 90° corners without disrupting the organisation of the 62mm connection grid.

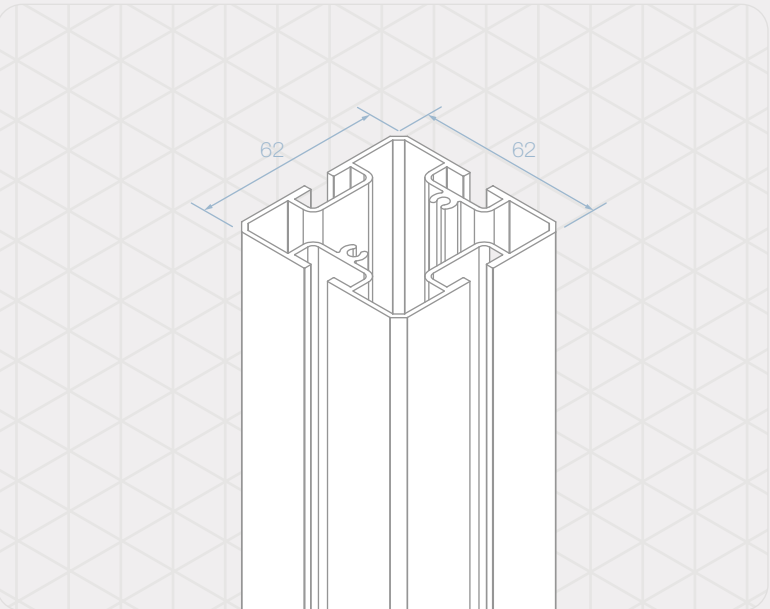
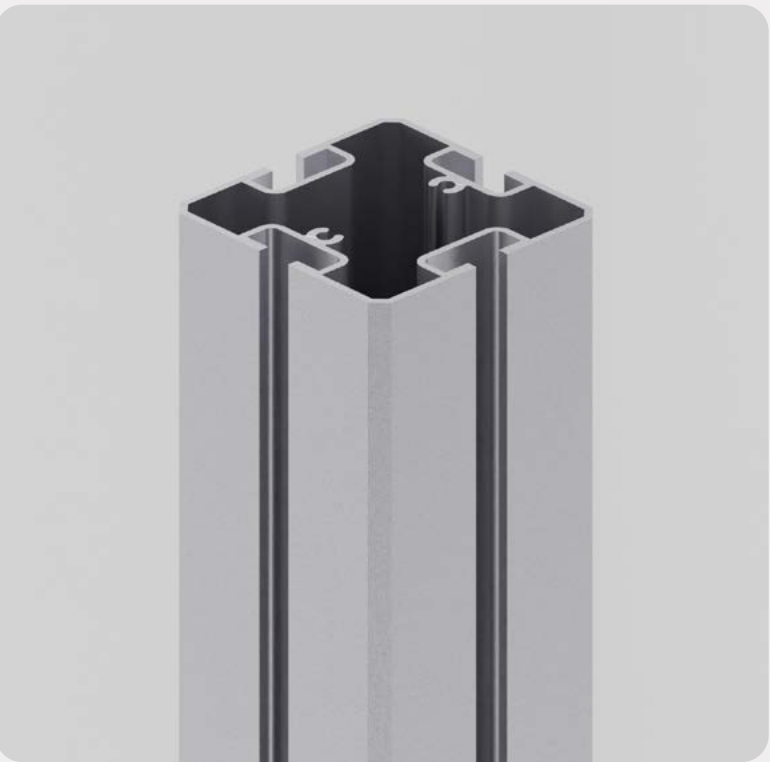


Standard Sizes: Min Height Y: 496 mm / Max Height Y: 2976 mm / **Available in lengths up to 5200 mm**



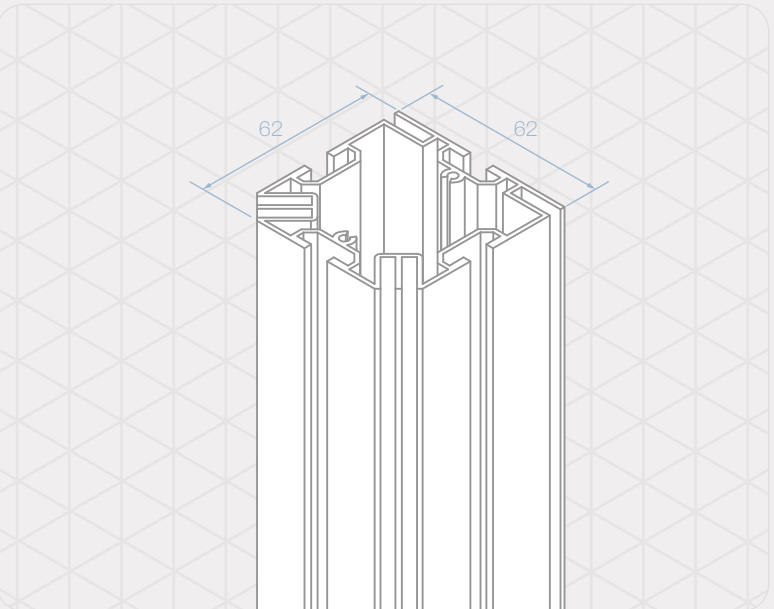
Four-Way Post

Mod-U-Lok Four-Way Posts can be used to connect both straight and curved frames together to create structures suited to your specific requirements and applications. They can be precision-cut according to custom dimensions and do not compromise the system's 62mm connection grid. By using Short Connecting Pins and T-Bolts, Four-Way posts are designed to offer additional flexibility.

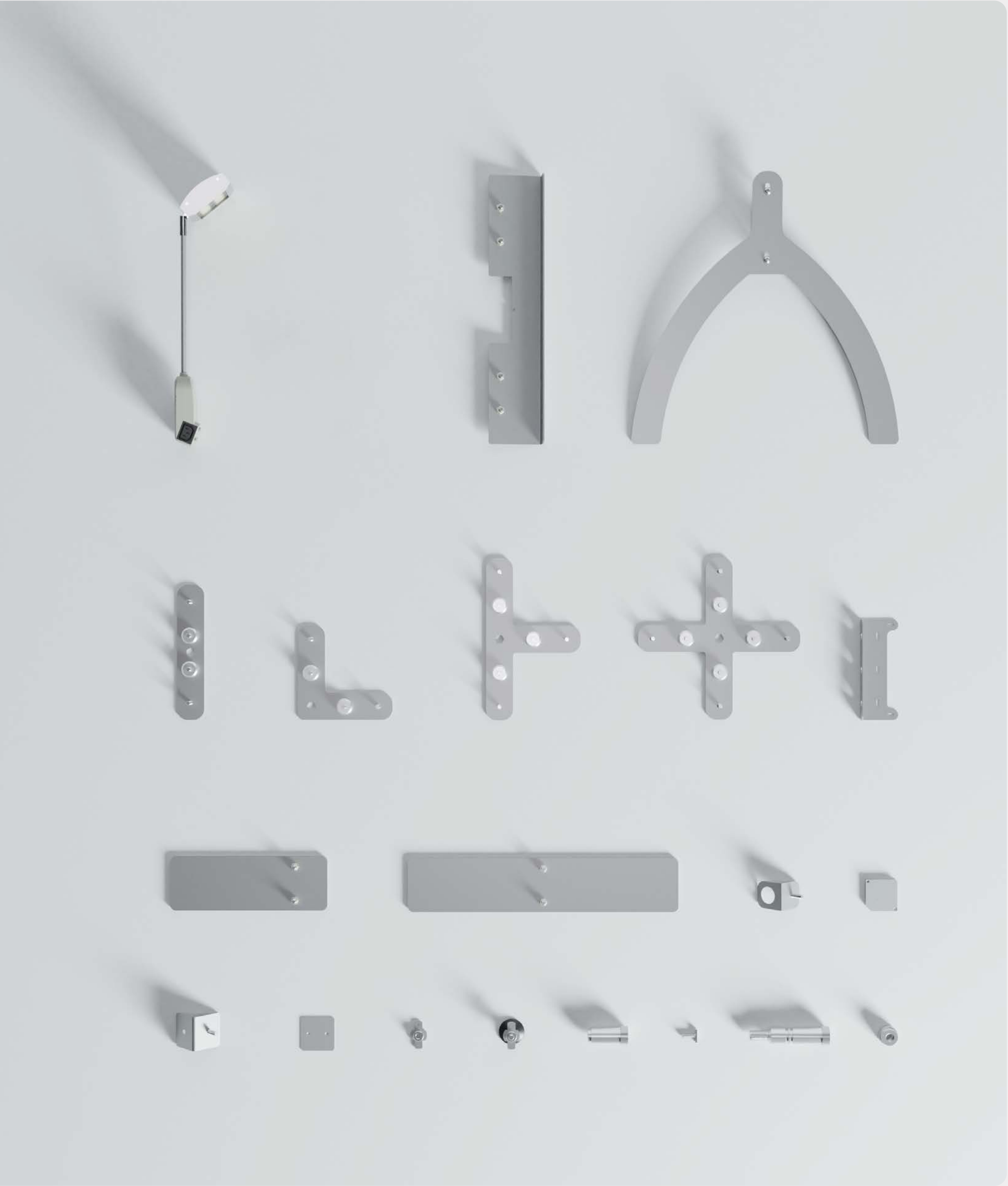


Four-Way TFS Post

Mod-U-Lok Four-Way TFS posts provide a flexible solution for connecting both straight and curved frames, enabling the creation of structures tailored to specific requirements and applications. They are secured to frames using Short Connecting Pins and T-Bolts, and allow tensioned fabric graphics to be either terminated at the corner to create a seamless corner effect, or terminated into the end of the post to conceal a single face.



Connectors & Accessories

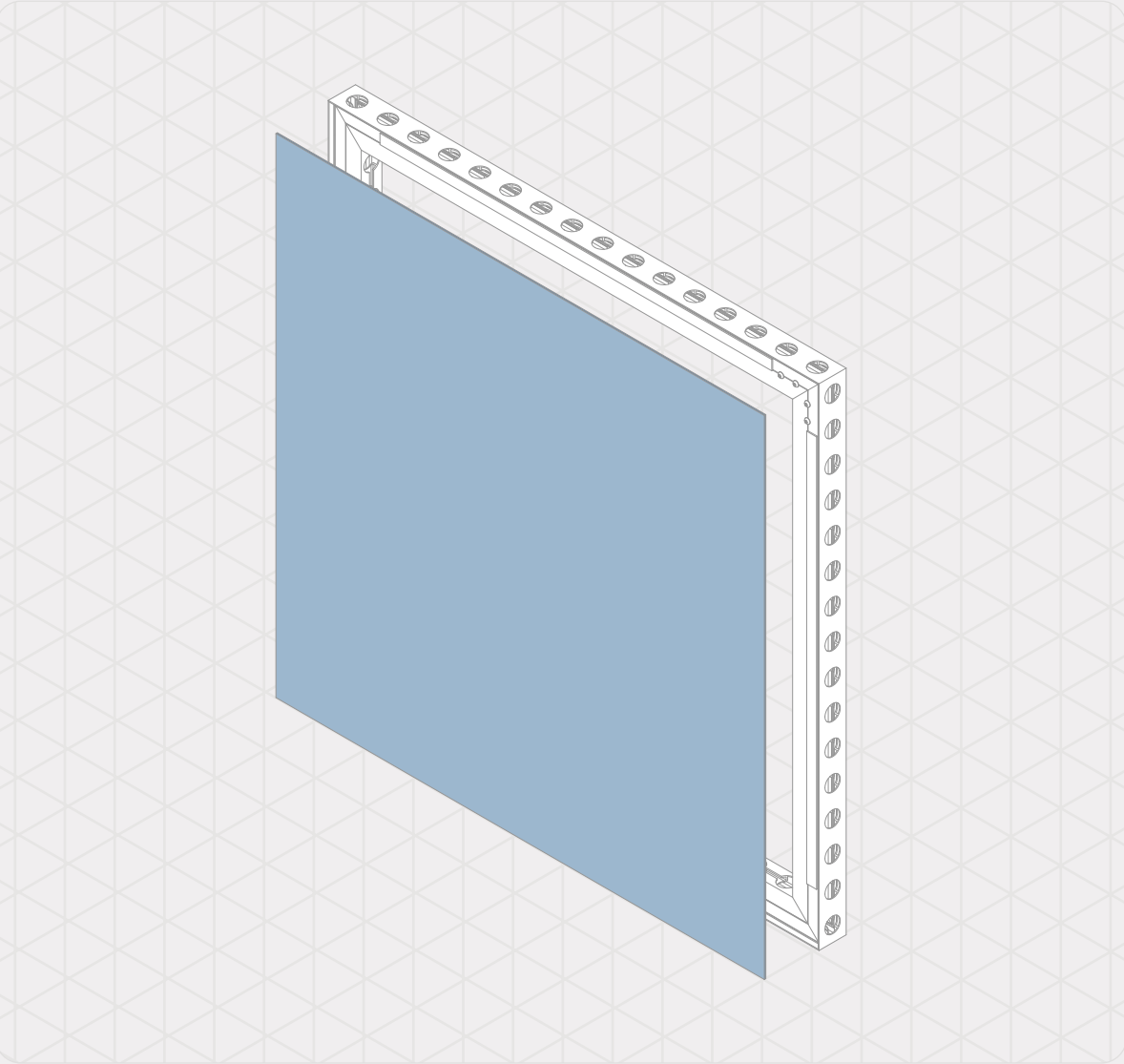


For technical details and full accessories range please see our Mod-U-Lok technical guide.

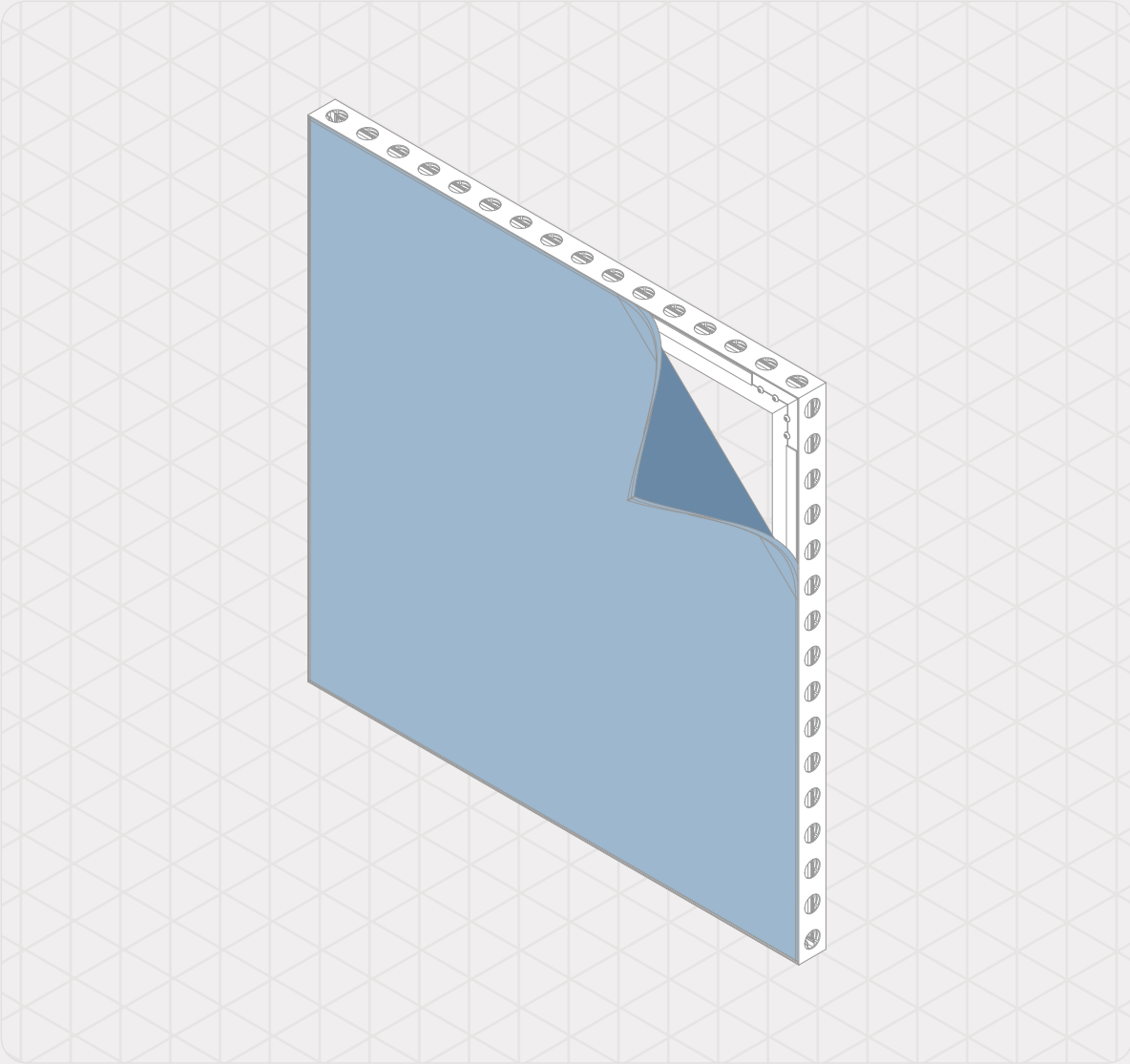
Finishing Details

Mod-U-Lok structures are designed to deliver sleek, seamless displays through the integration of both solid finishing panels and tension fabric graphics. Manufactured using in-house engineered aluminium profiles, the system accommodates a wide range of panel materials, including aluminium composite and foamed PVC up to 3mm thick, allowing for a perfectly flush finish across both straight and curved frames. The unique channel design also enables high-quality tension fabric graphics to be fitted quickly and easily, with custom fabrics produced to suit structures of any size. Graphics can be created in sections to span multiple frames without visible seams or joined edges, making it possible to achieve striking, large-format displays across both internal and external stand surfaces.

Solid Panel



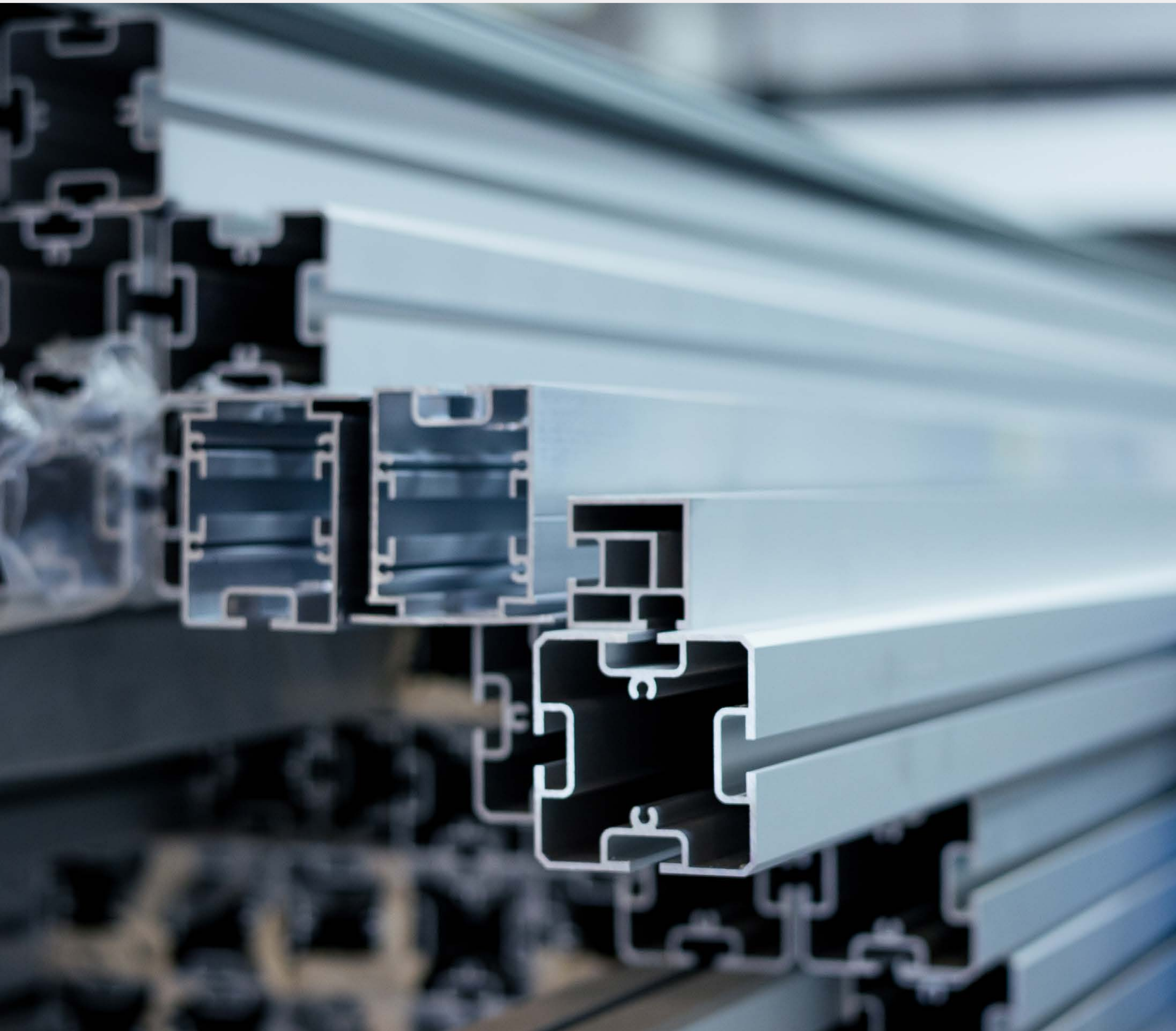
Tension Fabric



Unibox System Integration

Mod-U-Lok is designed as a highly versatile modular system that integrates seamlessly with the wider range of Unibox solutions, enabling designers to create fully customised environments from a single cohesive platform. Engineered using in-house aluminium profiles and based on a universally recognised modular connection grid, Mod-U-Lok can be combined with a wide variety of Unibox products including LED lightboxes, illuminated shelving, display systems, lighting solutions and tension fabric systems. This compatibility allows features such as integrated lighting, seamless graphics, shelving, magnetic merchandising elements and illuminated displays to be incorporated directly into Mod-U-Lok structures, creating flexible, scalable and visually impactful spaces for retail, exhibition, hospitality and commercial environments.





Sustainability as standard.

At Unibox, sustainability isn't a separate initiative, it's built into how we design, manufacture and deliver. We focus on creating modular, efficient systems that reduce waste, extend product life and lower environmental impact, without compromising on performance.

Sustainability is becoming a core requirement across retail, commercial and interior environments, not just an aspiration. Clients are under increasing pressure to reduce waste, improve efficiency and demonstrate environmental responsibility across their projects.

We respond to this by engineering solutions that are inherently more sustainable. By focusing on modular design, material efficiency and long-term usability, we help reduce environmental impact while delivering practical, high-performance systems.

We concentrate our efforts on **three** key areas:

Responsible sourcing

Working with sustainable materials and trusted partners.

Design for circularity

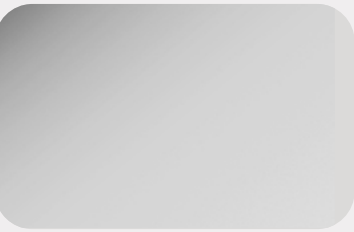
Creating systems that can be reused, adapted and extended.

Reducing environmental impact

Lowering waste, energy use and overall carbon footprint.

Surface Colours & Finishes

Anodised Aluminium
Standard



Anodised
Satin Silver

Gloss Levels
Standard Finish



Gloss Level
Matte - 30% Gloss

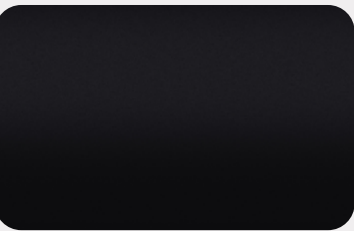


Gloss Level
Satin - 60% Gloss

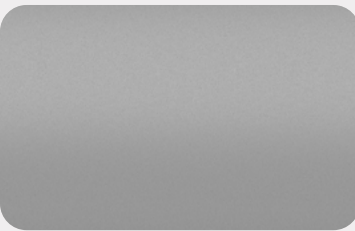


Gloss Level
Gloss - 80% Gloss

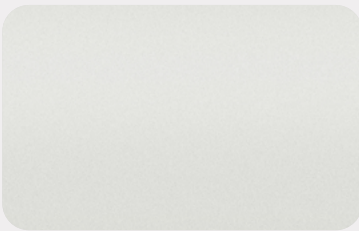
Powdercoat
Classic Hues



Jet Black
RAL 9005



White Aluminium
RAL 9006



Signal White
RAL 9003

Textured
Optional Decorative Finish



Textured
Fine Textured



Textured
Wrinkle Finish



Textured
Hammertone

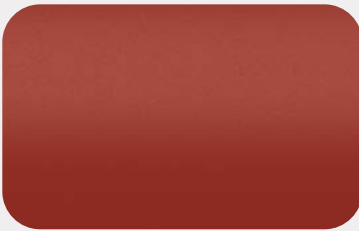
Powdercoat
Trending Hues



Chestnut Brown
RAL 8015



Light Pink
RAL 3015



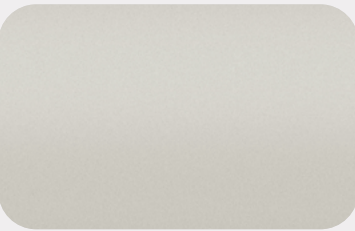
Tomato Red
RAL 3013



Antique Pink
RAL 3014



Beige Red
RAL 3012



Grey White
RAL 9002



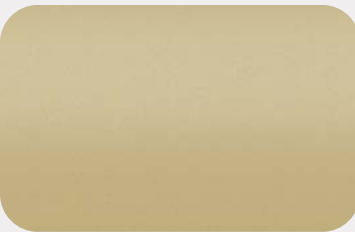
Pastel Yellow
RAL 1034



Pebble Grey
RAL 7032



Stone Grey
RAL 7030



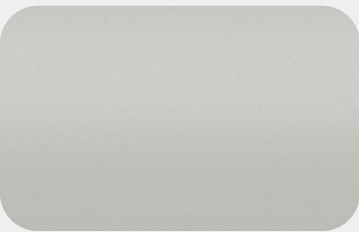
Green Beige
RAL 1000



Pastel Green
RAL 6019



Reseda Green
RAL 6011



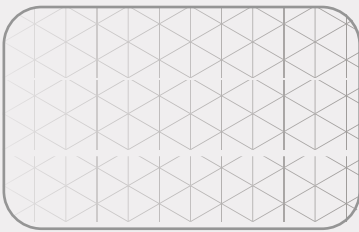
Papyrus White
RAL 9018



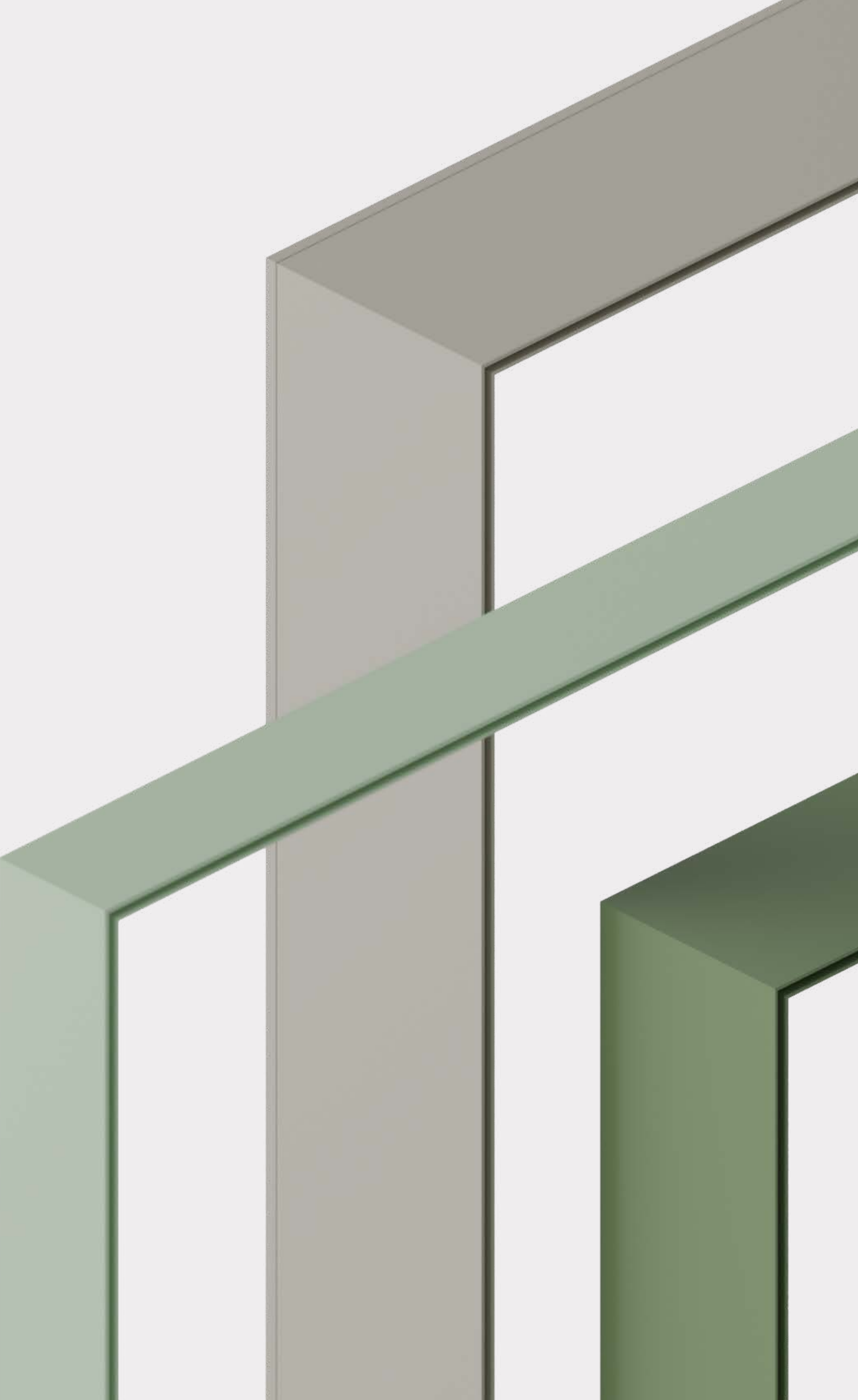
Blue Grey
RAL 7031

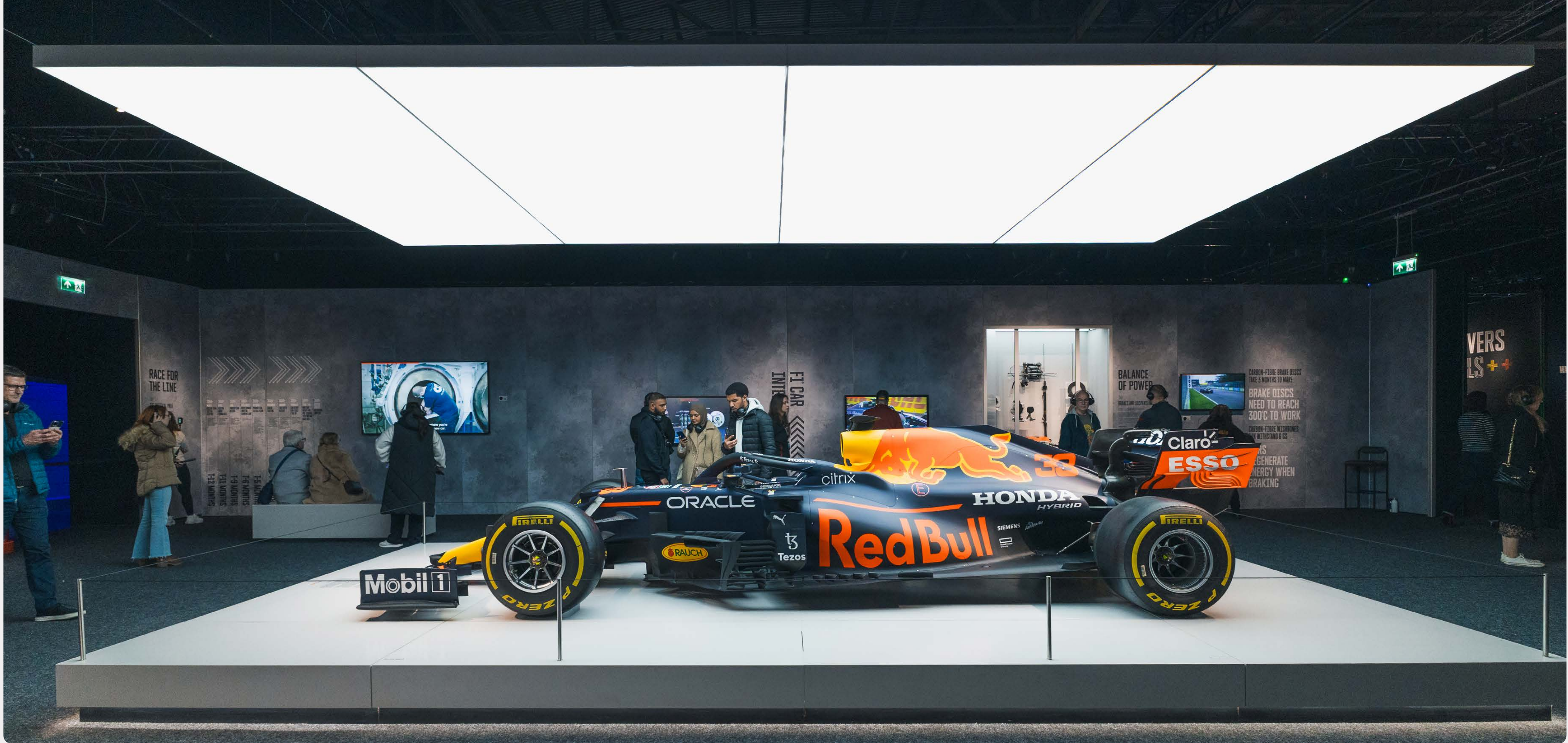


Pastel Violet
RAL 4009



Other RAL finishes
Available upon request.





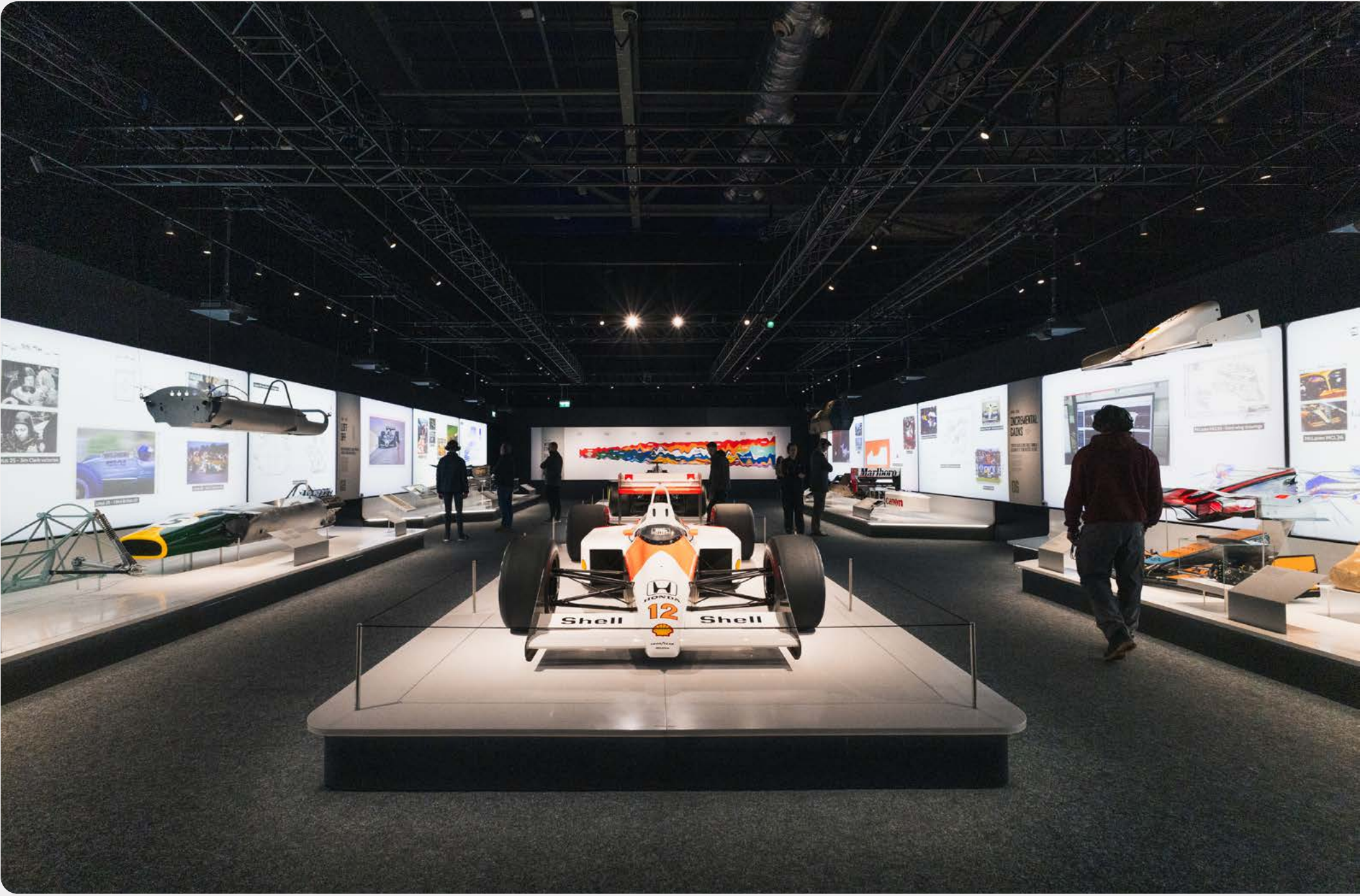
Project Highlight

The Formula 1 Exhibition

A unique 3,000sqm exhibition space, built to travel the world and tell the story of Formula 1®. Created by TRUE Staging in collaboration with designer's Real Studios, this one-of-a-kind experience was the product of two years of meticulous design, development and expert craftsmanship. That a space of this scale and ambition can be dismantled and reinstalled

at venues across the globe, bringing the full F1 story to fans worldwide, is a testament to the skill and vision of everyone involved. Unibox are proud to have supplied our Mod-U-Lok system as the walling solution throughout the exhibition, alongside graphical lightboxes charting the rich history of Formula 1® across six beautifully crafted rooms.

It is a testament to TRUE Staging's capabilities that this amazing space can be dismantled and reinstalled around the world so that the global fan base of F1 can enjoy this truly amazing experience.



Thank You.

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