

Fluid Steel Door

External

Our original glazing collection, combining clean design, reliable performance, and timeless simplicity. Built for everyday elegance and modern architectural clarity.



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Every detail is crafted to enhance transparency, performance, and architectural intent.

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Specialising in architectural and structural glazing, we're proud to contribute to some of the most prestigious construction projects across the UK.





We believe that each pane of glass we install is a testament to our unwavering commitment to superior craftsmanship and exceptional service. We collaborate closely with architects, designers, and builders to ensure that every project we undertake is not just completed, but elevated to a new standard of elegance and durability.

Experience the clarity of vision and the integrity of service that define Fluid Glass, where every detail is a reflection of our promise to you.



Clarity

THE TRUST YOU DESERVE

Craft

THE THING WE LOVE

Care

THE RELATIONSHIPS WE BUILT



Our Values

Our beliefs are deeply woven into our values, guiding everything we create.

CLARITY

Clarity is more than transparency in glass—it's transparency in how we work. We make complex processes feel simple, guiding clients with precision and openness at every step. Through clarity, we create confidence: in the vision, in the craft, and in the outcome.

CRAFT

Craft is where innovation meets timeless skill. Every detail is shaped with purpose, elevating architecture into something enduring and extraordinary. Through craft, we transform ideas into spaces that inspire, perform, and last.

CARE

Care defines the way we build relationships as much as the way we build structures. It's present in every conversation, every decision, and every installation. Through care, we ensure our clients feel valued, supported, and proud of what we create together.



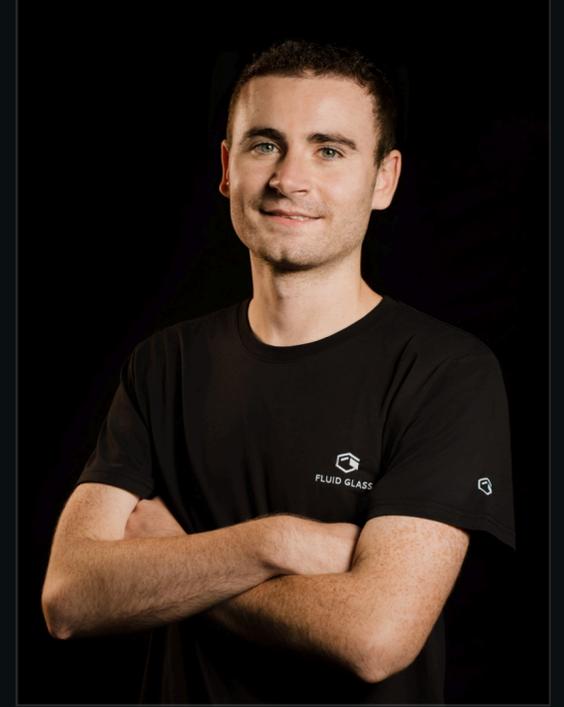
Jake Randall
FOUNDER



Valerio Vigna
PROJECTS DIRECTOR



Steven Towler
BUSINESS DEVELOPMENT MANAGER



Matt Napier
ESTIMATING MANAGER

Your Team

At Fluid Glass, culture shapes everything we do. We are a dedicated team that values focus, respect and attention to detail. By working closely and holding ourselves to high standards, we create an environment where craftsmanship can truly excel.



Wallpaper*

de
zeen

AJ Architects' Journal

RIBA 

archello

designboom®

 arch
daily

Awards & Recognitions

Our work has been recognised internationally, earning awards and industry recognition for the quality, craft and impact of the projects we create.



Vaidas Vileikis

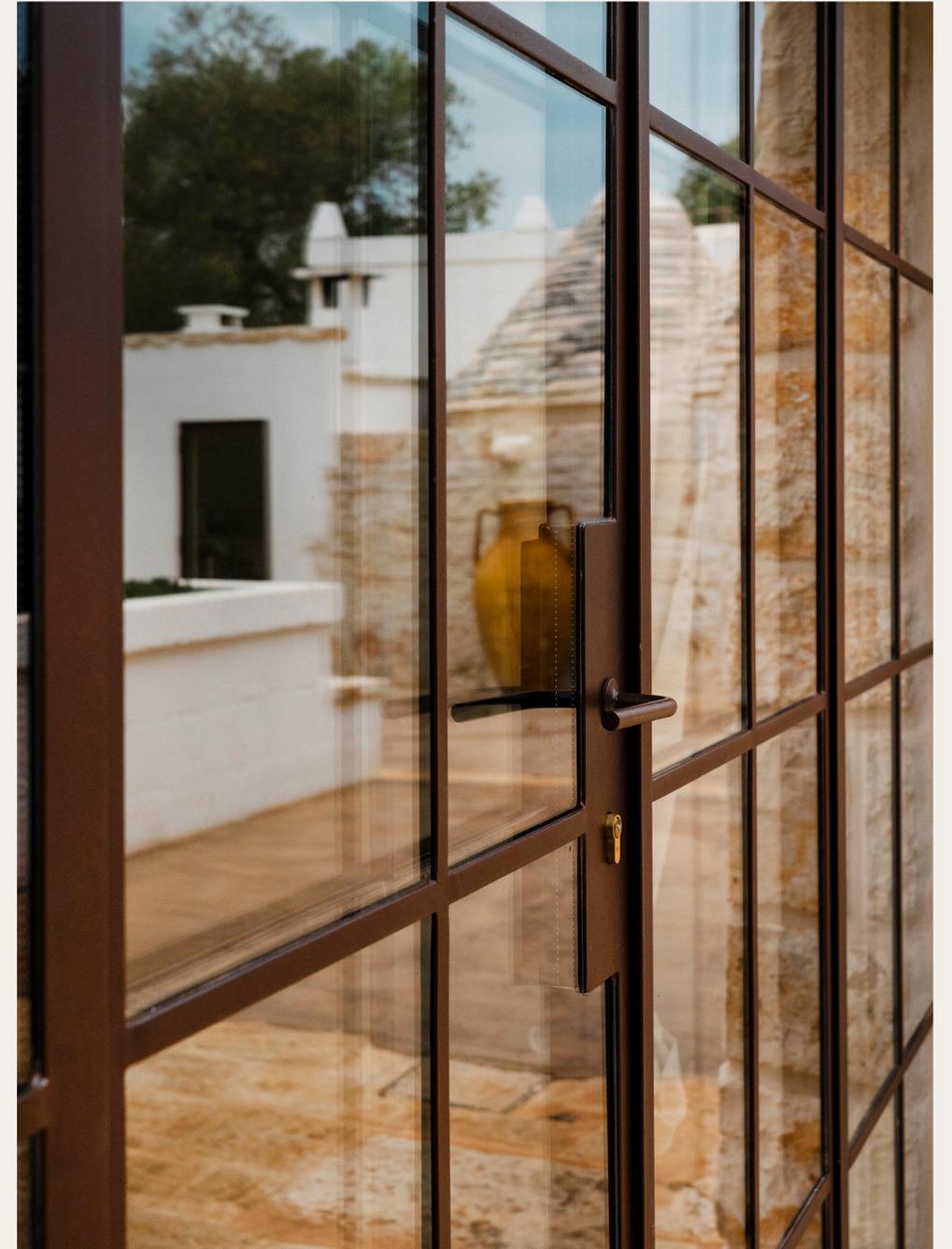
FOUNDER OF NAME ARCHITECTS

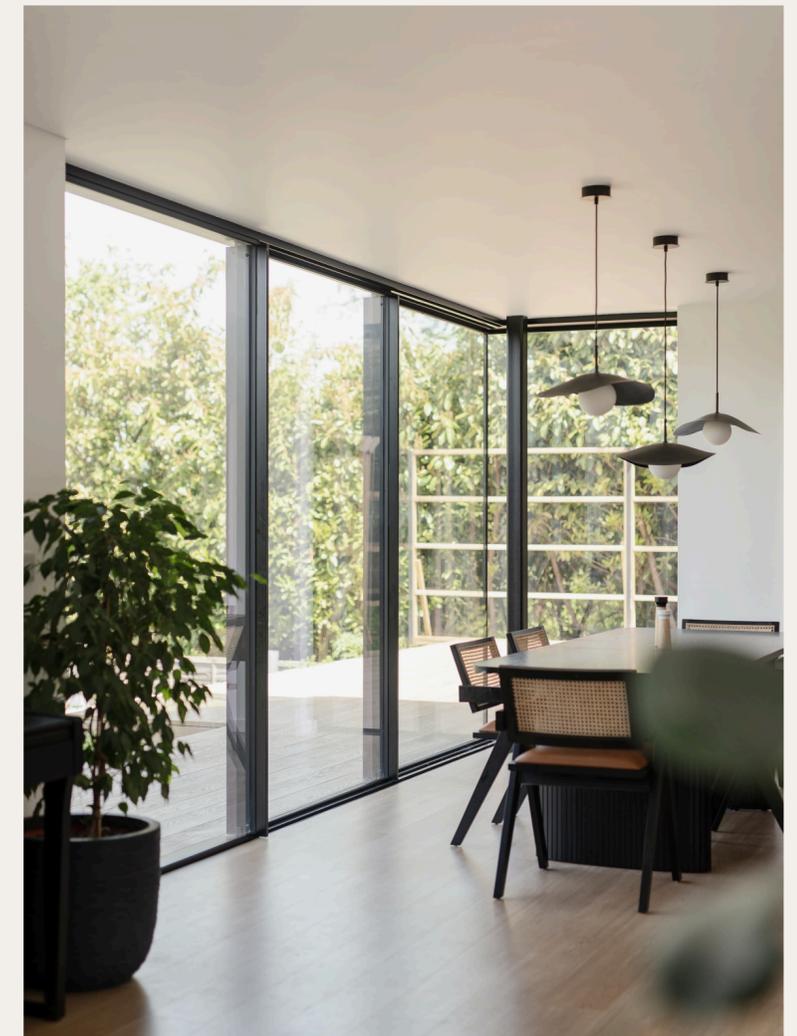
“ Unrivalled customer service, cutting edge design and quality. Fluid Glass is firmly lodged in our list of preferred suppliers of glazing products.



The Fluid Steel Door system combines timeless visual appeal with cutting-edge thermal performance.

Built around ultra-slim steel profiles, it offers a refined architectural solution for projects that demand elegance, durability, and versatility. Suitable for both heritage restorations and contemporary design, Fluid Steel delivers expansive glazed areas, minimalist sightlines, and enduring material quality. With a wide range of opening types and configurations, it provides design freedom without compromising performance.







Information

Every Fluid X Sliding Door is tailored to its architectural context—crafted from the highest quality materials and finished to exacting standards. With options for motorisation, pocket integration, and open corners, it is as adaptable as it is striking.

Options

- ◇ Powder coated (RAL)
- ◇ Stainless steel (1.4401)
- ◇ Corten steel options
- ◇ Glazing beads (right-angled, bevelled, scotia, flat)
- ◇ For aesthetic matching in heritage projects

Performance

- ◇ Uw value from 0.8 W/m²K
- ◇ Acoustic 45 dB
- ◇ Tested burglary resistance: up to RC2
- ◇ Mechanical strength tested (EN 13115)
- ◇ Impact resistance (EN 13049)
- ◇ Multi-point window locking
- ◇ High-traffic durability class 7 (500,000 cycles)

Features

- ◇ CE marking up to 1570 × 1570 mm
- ◇ Galvannealed steels with a zinc-iron layer (ZF)
- ◇ Slim profiles
- ◇ Unit thicknesses from 10 to 47 mm

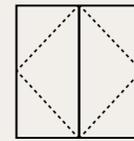


Configurations

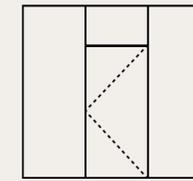
Available in a curated range of finishes, colours, and handle profiles, the design language is quietly luxurious—refined, understated, and endlessly customisable. Each door is a singular expression of design intent, precision-engineered for timeless architecture.



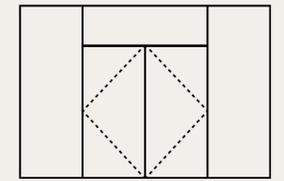
1 LEAF SIDE HUNG



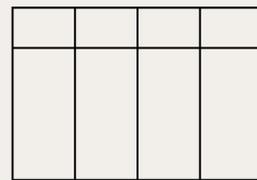
2 LEAF SIDE HUNG



**1 LEAF + TOP AND
SIDE LIGHTS**



**2 LEAF + TOP AND
SIDE LIGHTS**



MORE OPTIONS



Materials

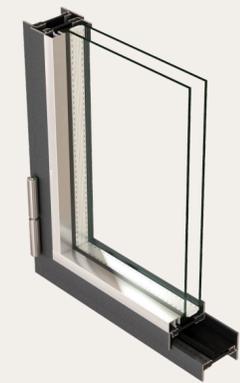
ZF 100 galvanized coatings provide enhanced corrosion resistance and cleaner welds with reduced smoke and sparking—now standard across all Fluid Steel profiles.



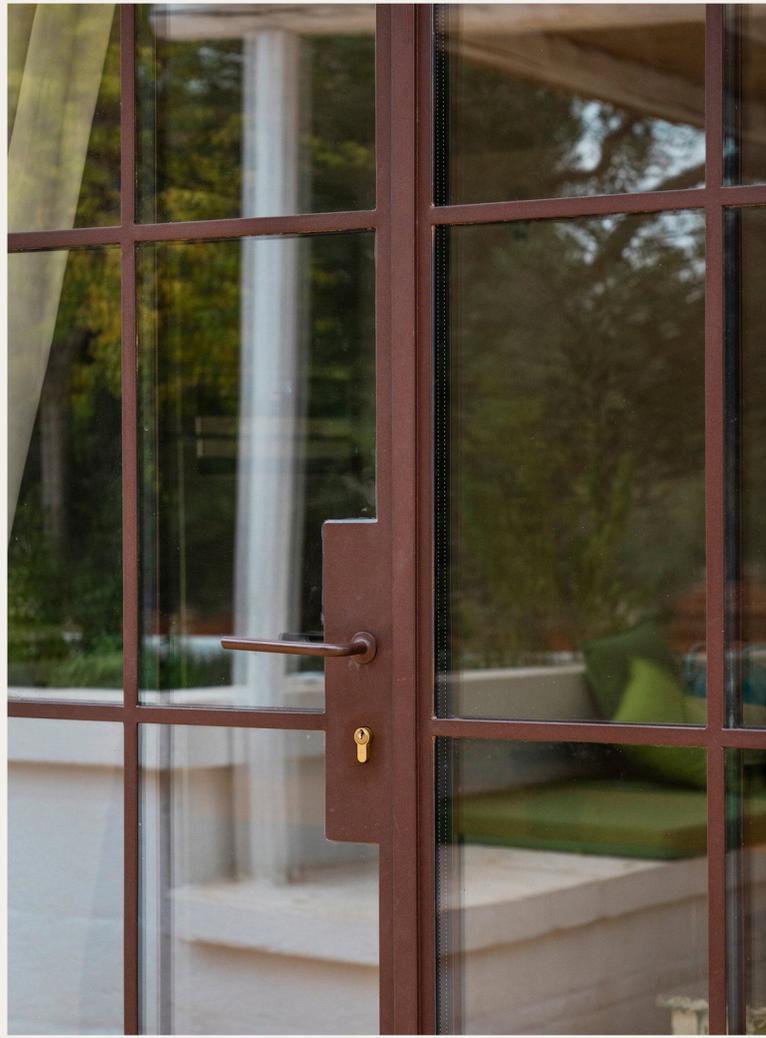
CORTEN



STAINLESS STEEL



POWDER COATED





Designed for Architects

Fluid Steel is designed to bring slender steel-framed glazing into a new architectural era—preserving the character of traditional detailing while delivering modern structural and environmental performance. It lends itself equally well to sensitive renovations and bold contemporary expressions.

Industrial Heritage, Modern Context

Originally developed to replicate traditional steel windows, Fluid Steel has evolved into a sophisticated glazing system suited to both restoration and new build contexts. Its 25–40mm sightlines allow light to pour into interiors while maintaining the proportions and detail of historic fenestration. The system's use of steel, stainless steel, or Corten profiles enables architects to specify by both aesthetic and environmental condition.

Glazed Versatility

Fluid Steel offers inward and outward opening options for windows and doors—available as single or double vents—with vertical and horizontal pivot mechanisms, projected top-hung variants, and fixed glazing formats. Narrow face widths and large unit sizes enable elegant façade compositions, while the integrated weatherstrip groove and welded frame construction ensure both form and function align seamlessly.



Every detail of the Fluid Steel system has been considered to deliver visual clarity and architectural rigour. The design language is defined by fine sightlines, expressive materiality, and adaptable configuration options that enhance both contemporary and classical settings.

Timeless Minimalism

Whether powder coated, anodised, or finished in weathered Corten, each installation makes a subtle yet confident architectural statement. Mortice or multi-point locking, flush or expressed details, and a variety of handle options complete the system's bespoke design flexibility.

Adaptable Configurations

From tall slender doors to wide multi-pane fixed glazing, Fluid Steel adapts to the specific demands of any space. Designed to work across scales and typologies, it can be specified to preserve existing character or deliver striking contrasts in modern additions.





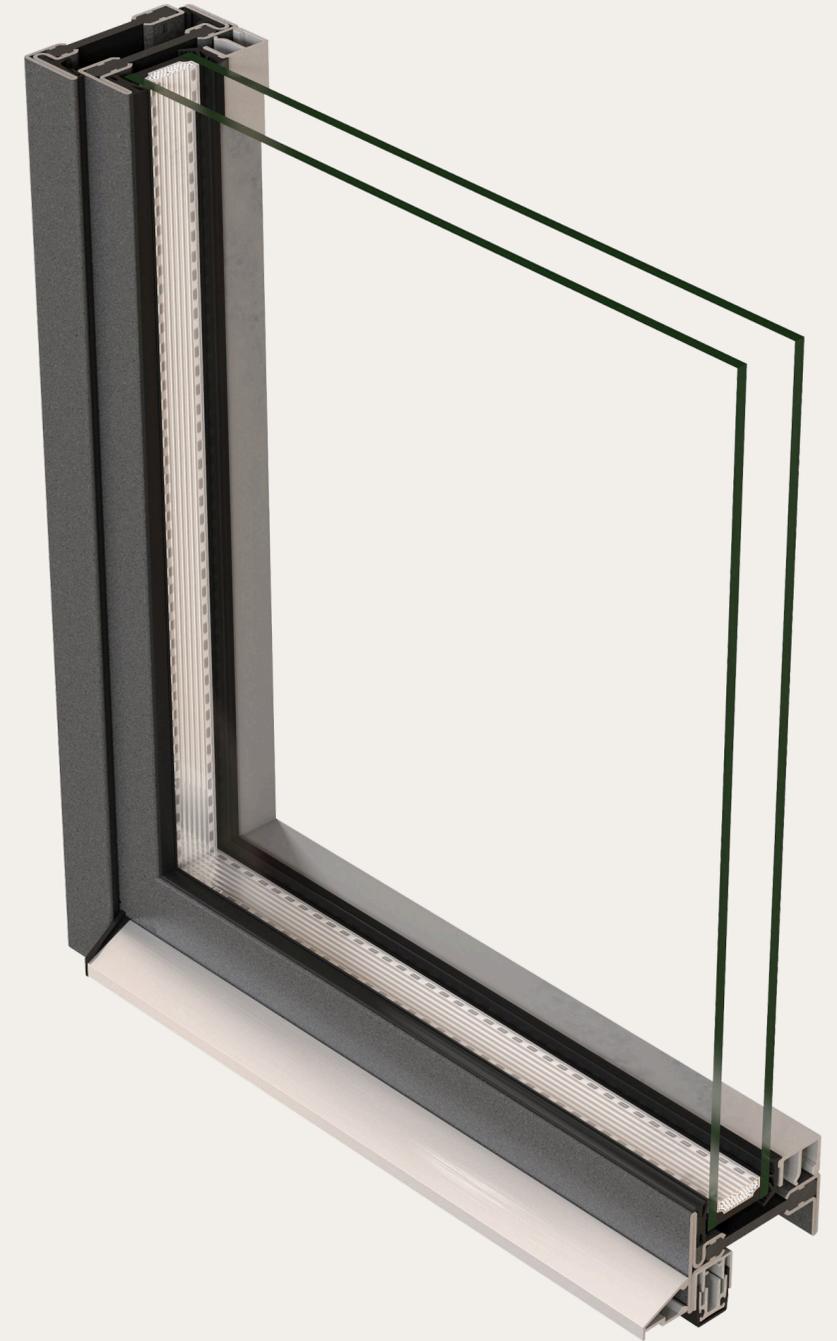
Beneath its minimal appearance, Fluid Steel is a highly engineered system. It balances strength, thermal performance, and acoustic control within slim profiles, delivering a glazing solution that exceeds modern expectations for comfort, security, and longevity.

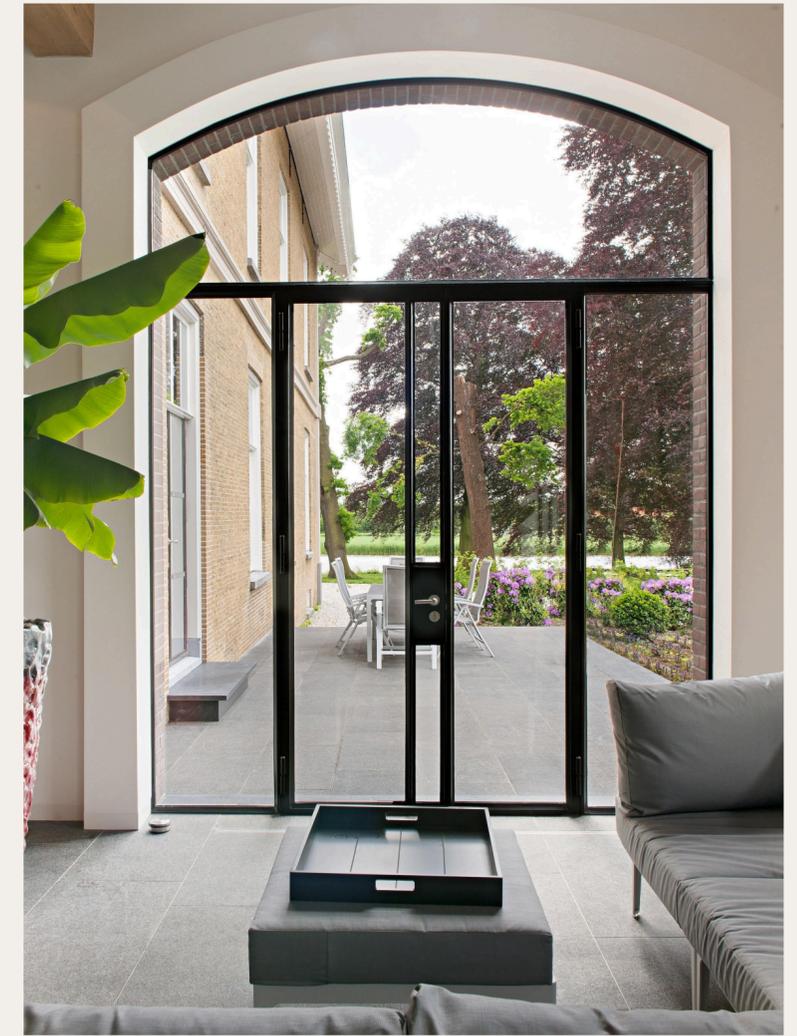
Performance Built In

Behind the refined profile is a robust, precision-engineered system. Welded steel frames with composite thermal breaks and high-performance glazing options achieve U_w values from $0.8 \text{ W/m}^2\text{K}$ and acoustic insulation up to 41dB. The system meets EN 14351-1 CE marking, EN 14024 profile standards, and EN 1627 RC2 security classifications. Door variants are available with thresholds or flush designs, and all components are tested for mechanical strength and impact resistance.

Strength in Detail

With vent weights up to 150kg and sizes up to $3000 \times 2500\text{mm}$ for sliding units, Fluid Steel handles scale effortlessly. Leaf and frame construction leverages welded steel profiles paired with glass fibre-reinforced plastics, creating long-lasting stability and improved insulation. Wet and dry glazing methods ensure versatility during fabrication, while optional multi-point locking enhances usability and security.







 Fluid Glass

Visit our Showroom

By appointment only

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Questions?

Get in touch



Jake



Adam



Valerio

Born from an initial desire to create something unique and extraordinary, taking our deep architectural experience and blending it with passion and technological expertise, our design thinking leads the charge in bespoke architectural glazing.

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