

# Fluid. Steel Door.

INT/FD

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



FLUID GLASS

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.



Our process is driven by the hands and hearts of passionate artisans who bring the finishing touches to your architectural glass projects. We believe in authentic materials and genuine quality. We believe in our team — individuals who work each day with precision, enthusiasm, and care to make your project something unique and extraordinary.

*Jake*

*Adam*

*Valerio*



FLUID GLASS



# Steel Door. Benefits.

INT/FD

The Fluid Steel Door is an elegant solution for internal glazing—balancing architectural purity with robust performance. Designed with ultra-slim face widths from just 23mm and constructed entirely from steel, it allows light to pass through while maintaining privacy, acoustic control, and design cohesion. Its minimal framing and flush or recessed options make it suitable for a wide variety of internal environments, from contemporary homes to heritage restorations.



FLUID GLASS

# Steel Door. Info.

INT/FD

With five distinct models—Standard, E30, EW30, E60, and EW60—the Steel Door offers flexible performance that aligns with both design intent and safety requirements.

## Dimensions

- ◆ Sightlines : 45 mm
- ◆ Max Glass Thickness : 45mm
- ◆ Max Leaf Height : 2400 mm
- ◆ Max Leaf Width : 1200 mm
- ◆ Max leaf weight : 120 kg

## Features

- ◆ Fixed glazing
- ◆ Structural depth 50 mm
- ◆ Max. filling element thickness 24 mm
- ◆ Steel glazing beads
- ◆ Wet and dry glazing
- ◆ Hot-dip surface galvanizing approved

## Options

- ✓ Flush and recessed versions
- ✓ Sidelights / fanlights

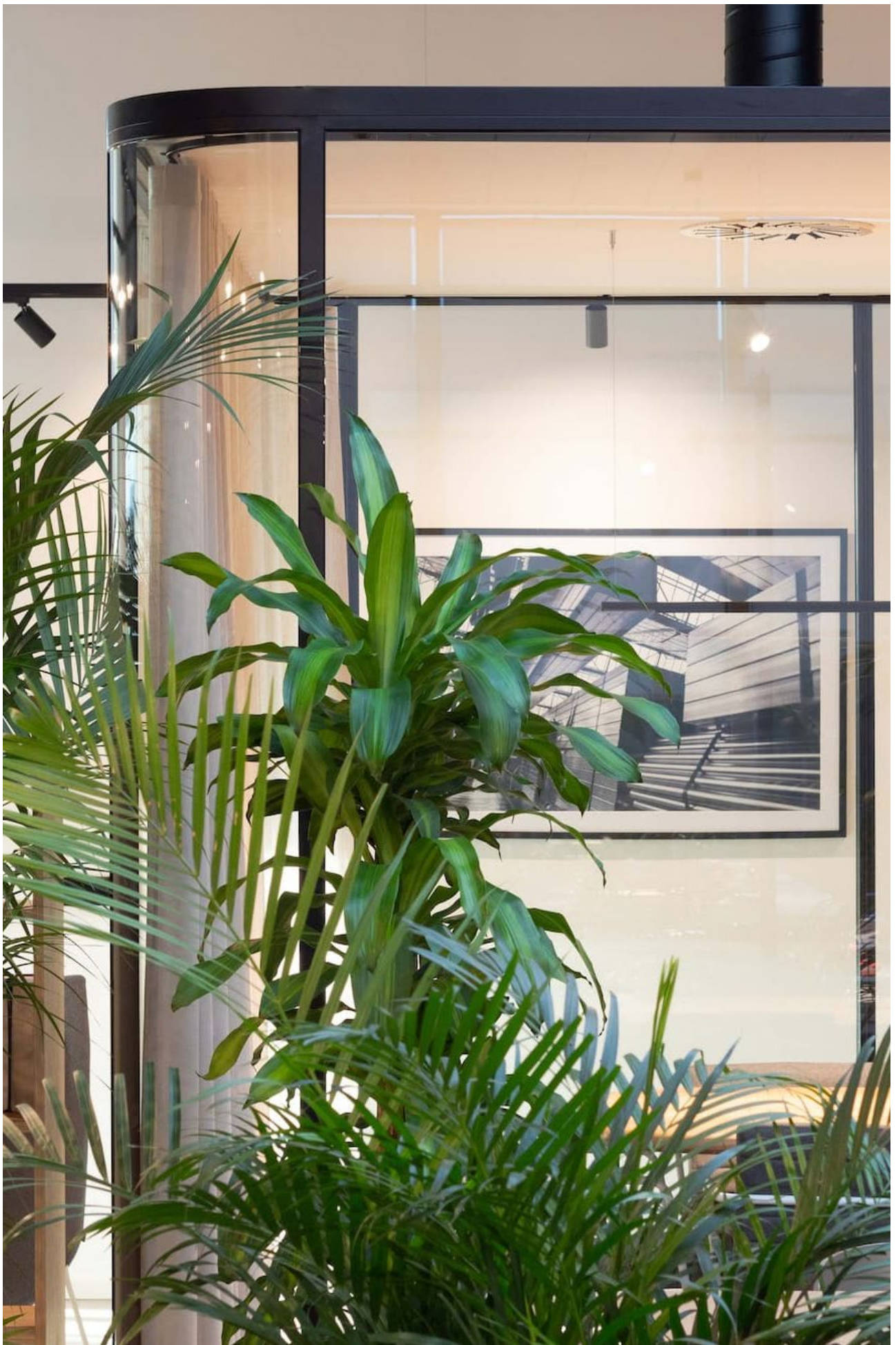
## Performance

- ◆ CE/UKCA marking : EN 16034
- ◆ Self-closing properties : Class 6 (EN 12400)
- ◆ Escape / emergency routes : EN 179 & EN 1125
- ◆ Operating forces : Class 3 (EN 12217)
- ◆ Barrier-free : DIN 18040
- ◆ Sound Insulation : Up to 35 dB (EN ISO 140-3)



FLUID GLASS







# Steel Door. Fire.

INT/FD

Optional radiant heat control for 30 or 60 minutes, meeting EN 13501-2 standards. Ideal for safety-critical spaces, they deliver discreet protection without compromising on design.

Model	Fire Resistance	Integrity (E)	Radiation (W)	Duration
Standard	No	No	No	-
E30	Yes	Yes	No	30 minutes
EW30	Yes	Yes	Yes	30 minutes
E60	Yes	Yes	No	60 minutes
EW60	Yes	Yes	Yes	60 minutes

E (Integrity): Prevents the passage of flames and hot gases

EW (Integrity + Radiation Control): Prevents flames and also limits heat radiation to nearby surfaces



FLUID GLASS

# Steel Door. Architecture. INT/FD

A modern expression of restraint and strength, the Fluid Steel Door elevates the interior fabric of a building. It's designed to blend quietly into architecture while enhancing openness and spatial clarity. Its slender lines and refined proportions make it ideal for linking rooms, creating quiet zones, or marking subtle thresholds in open-plan spaces.

## **A Light-Filled Division**

With face widths starting at just 23mm, the door introduces light while offering acoustic separation—ideal for homes, workspaces, and public interiors seeking a visual connection without compromise.

## **Adaptable Compositions**

Available in single or double-leaf designs, with options for sidelight and fanlight integration, the system supports a range of spatial configurations without overpowering the architectural language.



# Steel Door. Technology. INT/FD

Behind the refined appearance is a performance-led system engineered for longevity and internal functionality. The Fluid Steel Door is fully fabricated from recyclable steel, meeting strict European performance standards. It offers sound insulation up to 35 dB, barrier-free access, and is tested to 200,000 open/close cycles.

## Fire-Rated Models

Where additional performance is required, Fluid Steel is available in four certified internal fire-rated variants: E30, EW30, E60, and EW60, compliant with EN 16034. Each model is tested for safety, durability, and acoustic insulation, with discreet design integration.

## Performance Meets Practicality

With steel or aluminium glazing beads, wet or dry glazing options, and capacity for glass up to 42mm thick, the system delivers robust functionality in a slim, versatile frame.



FLUID GLASS

# Steel Door. Design.

INT/FD

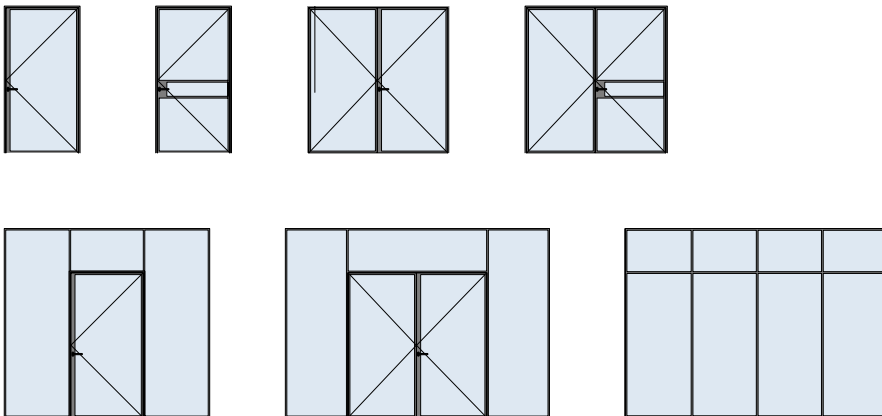
From material choice to installation detailing, the Fluid Steel Door is designed with timelessness in mind. Its minimal aesthetic lends itself to clean, modern interiors as well as character-sensitive renovations.

## Integrated Elegance

Available in bright steel or steel zinc magnesium, it offers surface finishes including powder coating or galvanising. Options for frameless installation and flush integration allow the design to sit quietly within any interior setting.

## Tailored to Space

Whether specified as a pivoting centrepiece or subtle side-hung partition, the Fluid Steel Door adapts in size, form, and finish—ensuring each project benefits from both visual continuity and functional sophistication.



FLUID GLASS

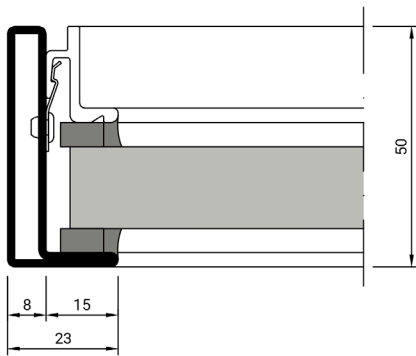




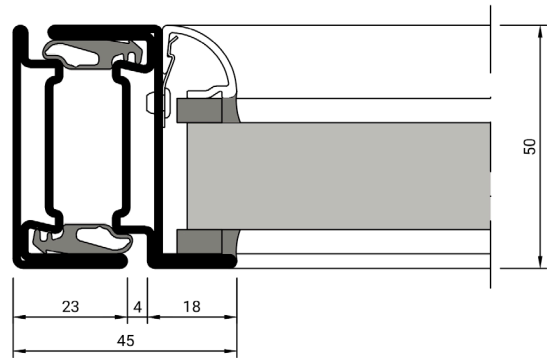
# Steel Door. Details.

INT/FD

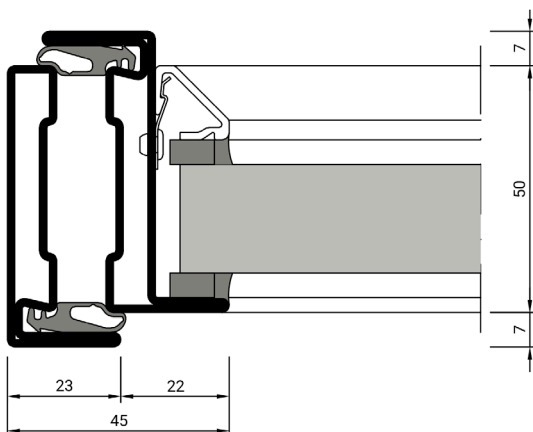
Available in a range of finishes—from powder-coated RAL colours to timber or metal-clad profiles—the design adapts to suit both architectural context and client vision. With options for fully glazed panels or solid inserts, each door is unique, yet unmistakably Fluid.



Fixed Door



Flush Door



Recessed Door

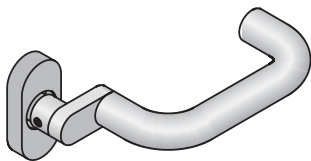


FLUID GLASS

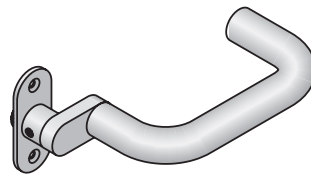
# Steel Door. Handles.

INT/FD

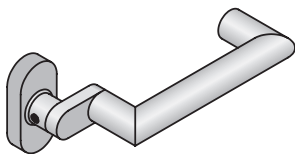
Our door handles are designed to complement the refined geometry of our steel profiles, offering a polished matt finish and a precise 9mm spindle. Their clean, minimalist form enhances the timeless elegance of the Fire Steel Door—providing both visual consistency and tactile quality.



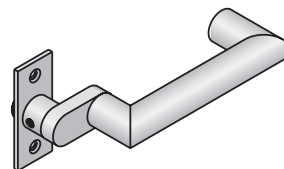
907350



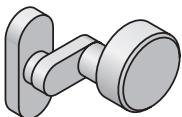
907327



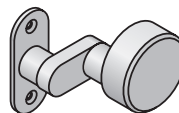
907351



907326



907356



907329



FLUID GLASS







# Steel Door. Showroom. INT/FD

By appointment only

Unit 11, Orbital 25 Business Park

Dwight Road, Watford, WD18 9DA





# Your project. Our passion.

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.