



**OWS**  **Fire Rated**  
Windows • Doors • Curtain Walling





## Who we are

At OWS Fire Rated we're passionate about keeping everyone safe. That's why we design, manufacture and install safe, as well as effective fire-resistant glazing products across the UK.

### Your expert OWS team

Established in 1996, our expert team are second-to-none in their ability to craft a bespoke solution, no matter how complex the requirement.

Our team are our biggest asset, and we all work hard to ensure that we are leaders in our field.

### Your first-class OWS product

Specialising in aluminium framed fire rated windows, doors, interior screens and curtain walling, we work with the world's premium suppliers to ensure that every OWS Fire Rated product is of the highest quality, and designed to always provide the most reliably safe solution.





# The OWS Fire Rated Promise

Committed to competency: We always go above and beyond, because your safety is in our hands.

Proven performance: To help us ensure that we deliver safety as a priority, we subject our business to external testing.

Driven by innovation: We partner with market leading suppliers, to fabricate our systems, allowing a variety of solutions to fit any requirement.

A transparent process: Every step of the process with OWS is as clear as our glass

Digital clarity: Our robust digital record system allows simple management of data, for the lifecycle of your product

A safe environment for all: We work closely with our industry peers, sharing knowledge and striving to improve our sector for everyone







## PROJECT

# White and Green, London

### The requirement:

Based between Whitechapel and Bethnal Green in London's East End, you'll find White and Green. A new state of the art mixed use, residential and commercial development, housing part of Glasgow Caledonian University London.

### The OWS Fire Rated specification:

Working with main contractor Higgins, for our client, Allglass Anglia, we specified Aluprof MB-SR50N EI fire resisting curtain wall (EI 60) to protect public walkways, the internal building and means of escape. Installation was a particular challenge, due to the tight space between the screen and hoarding, which required specialist glass lifting plant.

### The result:

White and Green was an interesting scheme carried out over a number of phases, where boundary protection was required. The architect's design ensured the screens matched with existing non fire rated curtain walling, requiring non-standard fixing brackets and corner junctions. Our solution allowed this vision to become a reality, creating a seamless look between non fire rated, and fire rated curtain walling.



# The OWS Process

## Design

Whether you are looking for a single window, full curtain wall or complex door system, specifying a fire rated glazing product is a specialist task. Our expert team, all highly trained in the delivery of these safety critical products, are always on hand to assist.

## Manufacture

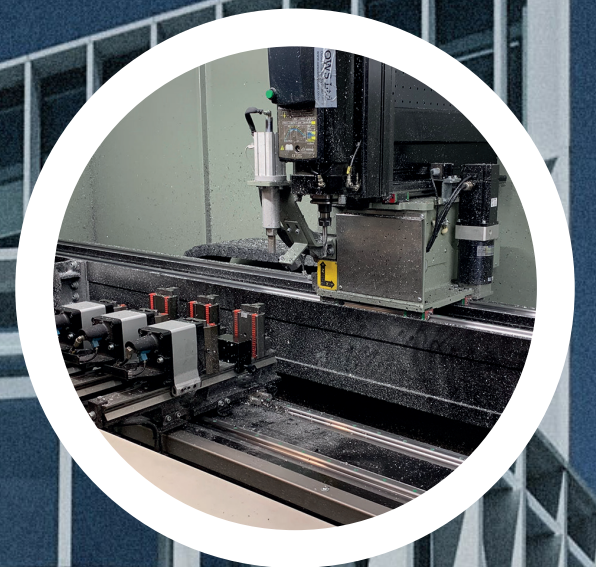
With safety at the forefront of what we do, we don't leave anything to chance. Our fabrication facilities are set up for precision manufacturing, helping us guarantee the OWS Fire Rated quality time after time.

## Install

Installing a fire rated product is not as simple as installing a standard glazed element, and OWS Fire Rated's expert national installation team are trusted by many of the biggest names in the construction industry.

## Supply-only

We understand that many of our customers have an in-house installation team and may be looking for a supply-only service. We are happy to work with your own installers.







## PROJECT

# White Lion Walk Shopping Centre, Guildford

### The requirement:

A destination landmark since the 1980's, the centre underwent a significant overhaul to meet the demands of modern shoppers, as well as commercial needs.

### The OWS Fire Rated specification:

The Sealtite Group was engaged to install standard glazing systems, and OWS Fire Rated provided support with the specification, manufacture and installation of Aluprof MB 78 – EI fire rated screens for the internal commercial space, with Polflam EI 60 clear glass giving a crystal-clear view across the centre.

### The result:

The final result was a showcase in safety working perfectly alongside aesthetics. The OWS Fire Rated screens ensure that the project is fully compliant with current regulations, providing both fire integrity and insulation.







# Curtain Walling

We started installing curtain walling screens in 1996, and carried our knowledge of installation with us into fire rated curtain wall.

Curtain walling is like making a wall of glass, which creates a cleaner install that is more aesthetically pleasing. It allows for the use of thicker glass that increases acoustic and thermal performance.

Both our Schüco and Aluprof curtain walling can be seamlessly joined to appear as one unit alongside non fire rated curtain wall, and is available with RAL powder coat or anodised finishes.

Schüco allows for greater flexibility, including the option of adding shaped heads, and greater spans between fixing points.

Our range of curtain walling is available in EI 30 to EI 60.





# Windows

Over 30 years in the industry has seen us move from standard glazing, to being market specialists in fire rated glazing.

Fire rated windows are used in areas where you want to maintain natural light throughout the building, and have a fire protection requirement.

When using both fire rated and non fire rated windows, these can generally be matched in a variety of finishes to maintain a consistent look and feel.

Windows are available with enhanced security (RC2 & RC3), while Aluprof has a dual beaded system, allowing glass install from inside or outside the building.

In some instances, we are able to provide openable windows.

We offer fully fabricated windows on a supply only basis if required.

Our range of windows is available in EI 30 to EI 120.



# Doors

Fire rated doors provide a physical barrier that still allows for entry and egress. In order to be fire rated, a door has to fully close and remain shut. This can be a single or double door, but it must latch closed.

To ensure they latch correctly, all of our internal and external doors come with a fitted lock, with a range of multifunctional ironmongery options. For further customisability, they can be integrated with building management, access control and fire alarm systems.

Both our Schüco and Aluprof doors can be suited with a window or curtain wall system, and are available in varying colours with RAL powder coat or anodised finishes.

We offer fully fabricated doors, on a supply only basis, if required.

Our range of doors is available in EI 30 to EI 90.





# OWS FireRated

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