



# Jewellers

Specialist Doors



Esavian hangar doors

Phoenix industrial doors

Acoustic doors

Blast doors

Security doors

Emirates  
Engineering  
Centre

Emirates

## Superior door solutions by design

Like our diverse product range, there are many aspects to Jewers' corporate personality.

In terms of commercial acumen, we're a sophisticated, innovative and dynamic company. We are dedicated to providing our many customers with the most technically advanced door systems – using modern, cost-effective techniques.



Jewers Doors Limited head office

When it comes to supporting that frontier technology with solid engineering skills, we have a reputation second to none – spanning several decades – as many of our original installations bear powerful testimony.

Based on a 0.8ha site at our Biggleswade headquarters, a multi-talented workforce is committed to providing our prestige portfolio of customers with the complete spectrum of specialist doors.

No matter how specialised their requirements prove, our philosophy is to exceed those expectations through design and technical innovation, consistently high quality production techniques and the closest possible working relationships with our valued customer base.

At the heart of our corporate philosophy is a complete design, build and maintenance package to ensure long term durability and complete customer satisfaction.



### Design

Whilst all Jewers specialist doors incorporate the very latest concepts and techniques in door systems technology, they take full advantage of proven hardware and control systems – eliminating many of the potential pitfalls associated with 'one-off' design.

Pre-design and consultation work is carried out using the latest computer modelling techniques, which then make it easy to carry out the modifications that inevitably arise during the design process.



Design, manufacture and installation – Jewers Doors Limited offers the complete service

### Manufacture

The majority of door components are made in our own factory, including the special composite cladding panels used on our smaller doors.

A combination of

modern equipment and our skilled workforce ensures that only consistently high quality products leave the factory.

We complete and test as many parts as possible before they leave the factory to guarantee quality and reduce site installation time. For example, on large doors, the drive and control system is fully assembled and tested before despatch.

### Installation

On-site installation of all contracts is controlled by our own engineers, assisted by small teams of skilled personnel to carry out the actual installation work.

On overseas projects, which form an increasing part of our turnover, we are frequently asked to provide the services of our own erection engineer whilst the

customer supplies a local workforce to carry out the installation.

### Maintenance

All Jewers doors are designed to minimise maintenance requirements. This is achieved by ensuring that the design is robust and generously specified, as well as incorporating well-proven components.

### Customer service

This starts from the moment the first contact is made. It progresses through the design and specification stage and on through production and installation. And it doesn't stop when the door system has been commissioned and handed over to the customer. We offer a spares and servicing agreement to ensure a long and satisfactory life for every door supplied by Jewers Doors Ltd.

# Phoenix

Swift • Osprey • Kingfisher

A range of three side-sliding and folding doors designed to suit both harsh industrial applications and aesthetic architectural designs. For openings up to 6 metres high, with the option of manual or electrical operation.

All are highly insulated and fully weathersealed to minimise heat loss and provide a comfortable working environment in hot and cold climates.

Collectively, Swift, Osprey and Kingfisher door systems cater for many applications – offering specifiers choice, versatility and unrivalled quality.

## Swift

A side-hung, bi-folding door ideal for emergency service appliance bays. Automatic opening takes 7 seconds and manual doors can be effortlessly opened in just 2 seconds. No other door offers this speed of operation with full security at all times.

## Osprey

Osprey is a top-hung, multi-leaf folding door for many applications such as helicopter, small airplane or army tank hangars. Door leaves fold into tight bunches at the side of the opening and the headroom required is only 250mm.

## Kingfisher

A traditional side-sliding door, ideally suited for openings where headroom and projection into the building are limited. Kingfisher door systems can be configured to fit openings of unlimited width.



# Esavian

126 • 127 • 1200 • Flatfold

Synonymous with the name 'Esavian' is a tradition for innovation that is unrivalled in the design, manufacture and erection of large doors for buildings, and in particular aircraft hangars.

With examples still in existence that date back over 65 years, our reputation for durability and reliability is respected all over the world.



## Type 126

Comprising the largest door in the Esavian range (unlimited height and width), the 126 is the most popular and cost-effective form of hangar door.

The steel-framed construction of these bottom-rolling doors accepts any conventional cladding system to suit widely varying architectural preferences.

## Type 127

This mid-range bottom rolling sliding door utilises tough, insulated panels (from the Phoenix range) to provide modular, visually appealing leaves. With a maximum height of 10 metres and unlimited width, the Esavian 127 is ideally suited for smaller aircraft and helicopter hangars as well as larger vehicle access openings.

## Type 1200

With its all-aluminium construction, this bottom rolling folding door has a long track record of durability in aircraft and helicopter hangars, even in the harshest climates. Suiting openings up to 18 metres high (with unlimited width), the Esavian 1200 is at an advantage in situations where door stacking space is at a premium.

## Flatfold

Another mid-range model from the Esavian stable is the Flatfold – a steel framed, bottom rolling design with insulated panels. The Flatfold measures up to 8 metres in height and up to 25 metres in width. Very popular for helicopter and small aircraft hangars, it has the advantage of revealing the full aperture when opened.



Type 1200



Type 127



Type 126



Type 126



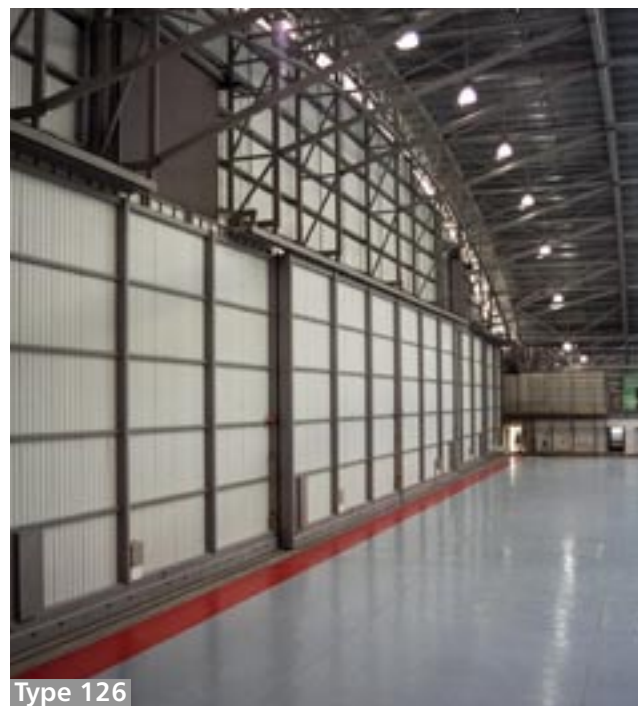
Type 126



Type 126



Flatfold



Type 126



# Blast



# Acoustic



# Security

These are the most specialised doors of the entire Jewers Doors range. As their names imply, they have been specifically developed to meet extremely stringent performance criteria in respect of protecting people and property from particular threats or danger.

In most situations, we recommend the use of our full pre-consultation design evaluation and specification service to ensure the optimum specification consistent with the most cost-effective protection.

#### **Blast doors**

Specially designed to cope with explosive or volatile chemical eruptions, our Blast doors can be made to resist shock pressures from as little as 10kN/m<sup>2</sup> up to 10,000kN/m<sup>2</sup> (1.5 to 1,450 psi). There's a choice of single or double leaf side hinged, sliding, folding or bifolding configurations – all available with integrated high security locking systems.

#### **Acoustic doors**

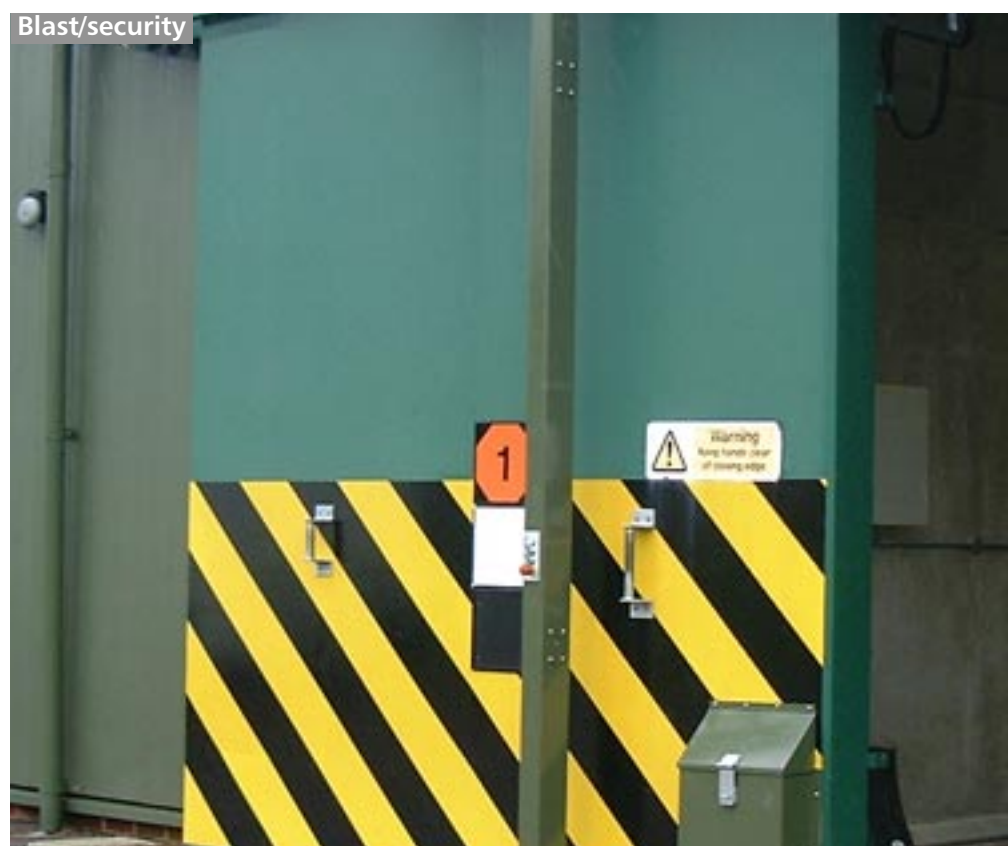
Whatever the configuration – bifolding, sliding folding, horizontal sliding, vertical lift or side hinged – there's an Acoustic door (from personnel access up to aircraft hangar size) to meet your needs. Our standard folding doors have been tested to Rw37dB and special doors can be made up to 48dB.

#### **Security doors**

Designed to withstand terrorist or vandal attacks using large jemmies, high speed disc saws, oxyacetylene torches or 'hooligan bars', these doors provide protection against determined intruders.

Our Security doors are a SEAP Class 3 approved product for UK Government use.

Folding doors come in sizes up to 20 metres wide by 10 metres high, sliding doors are of unlimited width and height.





Blast



Blast/security



Blast



Security/special



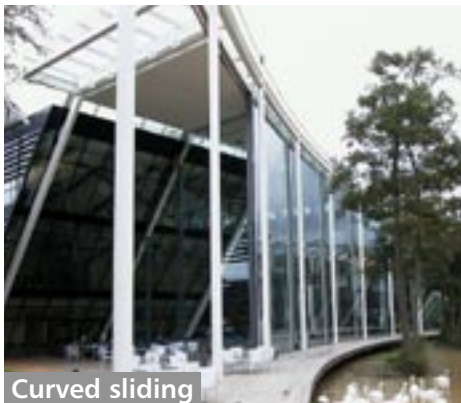
Acoustic

# Special projects

The demands of modern technology in construction bring more diverse door requirements that are outside any standard product range and therefore need to be purpose-designed to meet specific architectural, logistical or environmental considerations.

Jewers Doors has the experience and know-how to take on these 'one-off' projects. Our ability to design, build and install products means we have the flexibility to adapt to suit a particular need.

Recent examples include 'round the corner' doors, large multi-leaf vertical sliding doors, large single section turnover doors and curved sliding doors for a human centrifuge - to name but a few.



THE JEWERS SPECIALIST  
DOOR RANGE

ESAVIAN HANGAR DOORS

PHOENIX RANGE

ACOUSTIC DOORS

BLAST DOORS

SECURITY DOORS



Certificate No. FM 31369



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