

CI/5fB	(31.5)

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## Acoustic doors



# Acoustic doors from Jewers

A soundly engineered solution.

In all situations where noise suppression is a critical factor, there's an open and shut case for specifying Jewers' Acoustic doors.

Our unique Acoustic Matrix System enables doors of known capability to be supplied, regardless of size and configuration.



Custom-engineered doors – ranging from personnel access size up to huge ones for hangars housing a complete aircraft with its jet engines on test at full throttle – can be supplied. All with the peace-of-mind Jewers' design and build package.

■ Door configurations including bifolding, sliding folding, horizontal sliding, vertical lift or side-hinged ensure that virtually every building access need can be met.

■ Tests performed at Salford University on many types of complete installations give transmission losses for the combined door and frame (not just the panel, or the wall and door combined).

■ Acoustic performance is carefully matched to each client's noise reduction spectrum – typically in the range 27 to 48 dB – to protect the health and hearing of workers adjacent to the noise environment.

■ All Acoustic doors are strong yet easy to operate thanks to free-moving hardware specially designed for the duty.

■ Complete flexibility of finishes and features – including acrylic painting, powder coating or priming, plus useful options like wicket doors, glazed panels and specialist door furniture.

■ Additional fire certification available to provide personnel protection where fire hazards are also a consideration.

■ Choice of manual or power operation – depending on door size, configuration and budget.

## Typical applications

The market for Acoustic doors is growing rapidly as their diverse applications become more widely appreciated:

## Acoustic

### Key features

- Unique Acoustic Matrix System
- Complete spectrum of configurations
- Larger openings a speciality
- Aesthetically pleasing and highly durable
- Manual or power operation
- Full design and build package
- Specialist installation teams

### UTILITIES

Power stations  
Pumping stations  
Heavy equipment rooms

### GENERAL INDUSTRY

Engine test cells  
Mechanical equipment rooms  
Control rooms  
Machinery enclosures  
Vibration test labs

### ENTERTAINMENT/EDUCATIONAL

Theatres  
Leisure centres  
Schools  
Workshops  
Auditoriums  
Cinemas  
Film/audio/video studios



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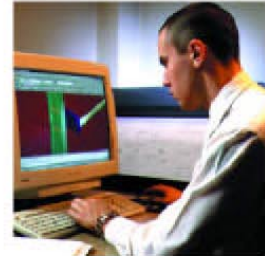
- 1 Client: Siemens AG, Seabank power station, Avonmouth
- 2 Client: Thames Water, Yalding pumping station, Kent
- 3 Client: The Open University, Milton Keynes, Music room extension, Buckinghamshire
- 4 Client: Severn Trent Water, Draycote water treatment works, Warwickshire



# Superior door solutions by design

Jewers is synonymous with superior door design solutions. But the Jewers service is not restricted to product supply. With all our doors, we provide a complete service – spanning design, opening preparation, installation, maintenance and servicing.

Recognising the fact that acoustic doors are rarely acquired 'off-the-shelf', we provide a full pre-consultation design evaluation and specification service to ensure that individual customers benefit from the most cost-efficient design and construction to suit their specific requirements.



## THE JEWERS SPECIALIST DOOR RANGE

ESAVIAN HANGAR DOORS

PHOENIX RANGE

ACOUSTIC DOORS

BLAST DOORS

SECURITY DOORS

BALLISTIC DOORS

Your Jewers Specialist Doors Supplier:



  
**Jewers**  
Specialist Doors



Certificate No. FM 31369

Jewers Doors Limited  
Stratton Business Park  
Biggleswade  
Bedfordshire SG18 8QB  
United Kingdom

Telephone: +44(0) 1767 317090  
Facsimile: +44(0) 1767 312305  
E-mail: [postroom@jewersdoors.co.uk](mailto:postroom@jewersdoors.co.uk)  
Website: [www.jewersdoors.co.uk](http://www.jewersdoors.co.uk)