

Case Study

Flexible Access Corridor for Dubai World Trade Centre Secured by Jewers Bi-Folding Doors

SUMMARY

Overview

Industry: Exhibition Centres
Construction

Solution: OSP-M manual
Osprey sliding-folding doors

Benefits

- Easy to open and close by hand
- Unlimited width for manually operated doors.
- Multi-leaf construction allows the door to be partially opened when the full aperture is not required
- Weather-tight seals for minimal air loss and tested in extreme locations
- Fully compliant with BS EN 12453 and EN 12604.



About Jewers Doors Ltd

Jewers Doors is a world-leader in the design, manufacture, installation and repair of industrial doors across all industrial sectors.

Jewers Doors have been installed not only in the UK, but also throughout the world including Europe, Middle and Far East and Australasia.

The Phoenix range of doors combine robustness, durability and aesthetic appeal with modern technological advancements.

The Solution

To provide this flexibility, the walls to each of the North and South corridors were designed as full height Jewers' Osprey sliding-folding doors. Each corridor wall comprises one set of 44 metre wide by 6 metre high doors, configured in multiple 6 panel sections, which are easy to operate by hand. When all sections are folded and pushed aside, a roadway is created between building for vehicle access. The multi-leaf construction also allows the doors to be partially opened at any position with each section providing a 5 metre wide aperture. In the closed position the doors are completely flat across the opening and are secured by full-height, internally lockable espagnolette bolts to each pair of leaves, which prevent unauthorised operation during shows.



Security and Practicality

Door leaves are fully insulated with dense 50mm polyurethane which optimises thermal efficiency and minimises heat transfer to maintain the internal environment. Multi-wall rubber seals are fitted to all edges to eliminate water, air and dust ingress. Alternate door panels incorporate a high level glazing panel fitted with double glazed, argon filled, low-E and toughened glass to allow natural light into the corridors. Each end panel is fitted with a 'wicket' door to allow personnel access through the corridor wall while the main doors are closed.



Do you need a full inspection report on an old or failing door or a professional company to survey openings and quote a price for new doors?

Jewers Doors are a DHF accredited company and operate under strict guidelines to advise on the best and safest solution for each application and provide an expert service that is second to none.

For further information e-mail Mark Jewers mjewers@jewersdoors.co.uk