

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

The Dubai World Trade Centre (DWTC), the region's largest purpose-built complex for events and exhibitions, has been constantly evolving since it was inaugurated in 1979. With over 1.3 million square feet of covered exhibition and event space, comprising 21 halls and over 40 meeting rooms across 3 floors, the Dubai World Trade Centre hosts over 500 events annually.



One of the most recent developments was to link the existing DWTC and the new Dubai International Convention & Exhibition Centre (DICEC) with two covered corridors to not only provide a fully air-conditioned environment for visitor access between the two centres during shows, but also provide vehicle access to load large equipment and exhibition sets during set up or breakdown of those shows.

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.

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.



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Editor Notes

Hi- res images available on request

More about Jewers Doors

Established in 1983 and still a family run business, Jewers Doors is a world-leading supplier of industrial doors operating from a state-of-the-art facility in the heart of Bedfordshire, UK and with offices in Dubai, Doha and our newly opened North American subsidiary office. With over 50 highly skilled and experienced staff, the core of the business is design, manufacture, installation and repair of industrial door solutions across all industrial sectors. The Phoenix range of doors are designed for medium to large industrial applications, while the Esavian range is recognised as one of the world's leading range of aircraft hangar doors. Incorporating the very latest concepts and technologies, Jewers Doors have been installed throughout the world.

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