**Lead-lined Partition - DISCONTINUED**

The Cardiac Cath “Swing Lab” is a model of efficiency. The key is an X-ray machine that can rotate 180 degrees – from one side to the other, one table to the other. The Won-Door BoreSound Lead-Lined XL accordion door, with a Lead Equivalency of .5 to 1.0, was designed to maximize the efficiency. Installed in pairs, one door can be closed to protect the patient being prepped while the second patient is being X-rayed.

**Protection of Vertical Opening**

By redefining what is typically described as an “atrium” Won-Door FireGuard fire doors meet the required fire separation between adjacent spaces while eliminating the costly atrium requirements such as sprinklers. Concealed in shallow wall pockets the doors permit the desired open, unrestricted environment of the atrium.

**Smoke Barrier**

Code requirements for compartmented space, travel distance, mixed occupancy separation and area separation walls, often result in the use of traditional swing doors to divide an otherwise unobstructed corridor. The Won-Door FireGuard fire door can be used to meet the requirements of cross corridor smoke barrier protection – without occupant load limitations. And because of the wide-span opening capability, corridors remain clear.

**Opening Protective in Corridor**

Floor to ceiling glass panels can be used at the entrance to a tenant suite – even when that suite opens into a one-hour fire rated corridor – if they are protected by Won-Door FireGuard. These horizontal sliding fire doors are approved for fire rated construction and are U.L. listed for 20, 60, 90 and 180 minutes.

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**Applications**

Wide span openings and unrestricted corridors are desirable when designing healthcare facilities, but with today’s restrictive fire codes not always possible... or are they.
Won-Door Corporation is an industry leader in the production of horizontal sliding partitions – the sound-rated DuraSound and the fire-rated FireGuard fire door. We've illustrated only a few of the many possible applications of Won-Door products in this healthcare facility. Your Won-Door representative would be happy to show you how the Won-Door FireGuard fire door and the DuraSound folding partition were used to creatively solve complex space and safety issues in some of the world's most prominent architecture.

Unique features:
- The DuraSound partition has an STC rating of 48
- The Won-Door FireGuard fire door is accepted by all model building codes as a means of egress
- Each panel is suspended by a separate pin and roller, allowing the door to span unlimited widths, heights up to 23 feet – even curved openings
- Built to last from 24-gauge corrugated steel, these doors are virtually trouble-free
- Whether hidden in wall pockets or used as attractive sight and sound barriers, these partitions make many plans possible without compromising the design

For more information call 800-834-7099 or visit our website at www.wondoor.com.

Elevator Lobby Separation
The Won-Door FireGuard is the only horizontal sliding fire door approved by all model building codes for use to enclose any lobby area. Additionally, the Won-Door FireGuard complies with the Americans with Disabilities Act (ADA) requirements for exiting. Exiting hardware can be configured and placed where appropriate and the automatic closing system permits programming for both the width of the opening and the duration of the opening time.

Mixed Use Occupancy Separation
A change of occupancy occurs when the corridor leads to a food court. The adjoining food preparation area creates another – potentially dangerous – situation since it involves the use of commercial kitchen fixtures, cooking oils and natural gas. The juxtaposition of these different occupancy types is permitted by code on the condition that they are separated by one-hour fire-rated construction – in this case, the Won-Door FireGuard.

Sound Partition
The Won-Door DuraSound partition is specially designed for high use facilities. These dual-wall accordion type folding partitions can be used to subdivide class and meeting rooms creating additional space. A continuous blanket liner and enclosed air space provide superior insulation; individual panels of corrugated steel make the doors virtually indestructible; and a patented pin and roller system enables ease of operation.

Opening Protective in Corridor
In order to maintain constant visual access to this patient day room located off a fire-rated corridor, the Won-Door FireGuard fire door was used as an opening protective. Because the occupant load of the day room is less than 50, exiting out of the space is also provided through the Won-Door FireGuard.