

# Fire Walls & Doors

Passive fire protection is playing an increasingly vital role in modern construction. Built into the fabric of a building, it provides inherent fire safety and protection by preventing the spread of flame, heat and smoke.

Passive fire protection wall and door systems will maintain the fundamental requirements of building structural stability, fire separations and offer a safe means of evacuation of a distressed building. This type of fire protection provides building occupants time to escape and firefighters a chance to save the building.



### Fire Wall and Door Uses

- Fire Compartment walls and doors
- Stairwell enclosures
- Elevator shafts
- Electrical/transformer vaults
- Ventilation shaft splitter
- Hazardous materials enclosures
- Fuel storage and boiler rooms
- Cable tunnel splitter walls
- Downstand barriers for smoke and fire
- Acoustic reduction
- Heat shields, screens and enclosures
- Data/computer rooms
- Vaults
- Escape corridors
- Equipment separations

**DuraSystems Barriers Inc.**  
199 Courtland Ave.  
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# Fire Walls



### Fire Wall Features

- Up to 6 hours of fire protection
- Impact resistance
- Moisture resistance
- Cost competitive
- Maintenance free installations
- Multiple finishes
- Modular systems available
- Tested and approved assemblies
- Acoustic reduction testing
- Radio frequency shielding
- Any climate installations
- Blast designs available
- Relocatable
- Fast track construction
- Slim, space saving profiles
- Lightweight, no foundations required
- Produces no smoke or toxic gas in a fire

UL/ULC Listed Walls	1 hour	2 hour	3 hour	4 hour	
Fire Resistant Walls & Barriers	1 hour	2 hour	3 hour	4 hour	6 hour
Hydrocarbon Fire Walls	H-0	H-60	H-120		
Shipping and Offshore Walls	A-0	A-60	A-90	A-120	
Fire Resistant Ceilings and Floors	1 hour	2 hour	3 hour	4 hour	

# Fire Doors



**Fire doors are fundamental to the integrity of a fire barrier system. Operable opening such as doors provide an access point between compartmentalized areas. To minimize the break in protection the doors within these barriers must provide the same adequate protection as the barriers. DuraSystems doors offers that protection.**

### **FIRE DOOR FEATURES**

- **Up to 4-hour fire resistance available**
- **Hydrocarbon fire doors available**
- **Hinged, Sliding, or Multi-leaf**
- **Blast resistance available**
- **Water Resistant**
- **Impact Resistant**
- **Manufactured to Special Order**
- **Simple Fast & Easy Installation**
- **Complete Range of Finishes**
- **Rugged Construction**





## The Passive Fire Protection Specialists



A DuraSystems DuraSteel fire wall in action. This DuraSteel wall separated the production area from warehouse area of this bottling facility. The DuraSteel wall system saved the production area and allowed the company to start production again within 2 days of the fire.



DuraSystems tests its products to the highest standards



DuraSteel walls can be installed in large or small applications



Complicated installations



DuraSteel systems can support other finishes

# DuraSteel

## International Testing & Acceptance



SwRI



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DuraSteel sheets have a variety of uses. Some of the most common are:

- Fire Rated Ventilation Systems
- Fire Rated Ceiling, Floor, Wall & Door Assemblies
- Oil , Gas Pipe & Cable Tray Enclosures
- Fire Barriers
- Outdoor & indoor transformer fire separations
- Protection from hydrocarbon fires & blasts
- Fire & Blast containment for gas storage
- Oil & Gas Compressor protection
- Portable Barriers
- Document Storage Vaults
- Acoustic Barriers & Enclosures
- Blast Walls & Doors
- Blast Resistant Ducts

## Testing

DuraSteel is one of the most extensively tested materials for Passive Fire and Blast Protection Systems.

DuraSteel systems have been tested against the most stringent standards in the world for fire, blast, impact, physical strength, water resistance, projectile resistance, radiant heat.



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