

FIRE STATION APPARATUS DOORS



Dependable Millions of Times

Durable in the Worst
Conditions



EPD Four Fold Doors are designed for the most adverse conditions, including:

-  Earthquakes
-  Hurricanes
-  Extreme cold weather
-  High wind loads
-  High Usage

Providing doors to municipalities for over 75 years.



Comments voiced about EPD doors by Fire Department personnel include:

"The doors we have in place right now have been working fabulous. We haven't had any maintenance problems... We're so convinced, that every new fire station we're building is going to have them."



Engineering in
Motion

Designed for Adverse Conditions

- Complete door systems can be projectile resistant.
- Extreme high wind loads - in excess of 200 mph.
- Adjust to minor movement in buildings during earthquakes.
- Doors will not freeze up in cold weather.

Durable in High Cycle Situations

- Proven to operate **one to two million cycles**, lasting 20 to 30 times longer than conventional doors.
- Operates with **extremely low maintenance**, as compared to other industrial door types.
- **Heavy constructed** EPD doors are typically 2 to 3 inches thick, crafted of structural steel and heavy 14 gauge sheeting.
- Heavy duty hardware and operating systems.
- Utilizes hydraulic operating systems and durable hinged door panels, instead of high-maintenance chains, spring counterbalances, garage door rollers and side guides found on other types of industrial doors.
- Even when hit by a vehicle, EPD doors can be repaired

Driver Friendly

- **Quick opening and closing times**, at two feet per second, perfect for emergency vehicle use.
- No danger of "clipping" a door or the emergency vehicles, because Four Fold Doors are always in the view of the driver.
- No floor guides.
- Optional automated controls are suited to the security needs of the Fire Station.

Custom Designed

EPD doors are all custom designed with the specific building in mind.

- **Professional staff engineers** make sure that the doors will match the needs of the Fire Station.
- In many cases as little as three inches of headroom is needed.
- Can be **aesthetically and functionally designed** for each building and vehicle opening. Options include arch openings, and custom designed door panels; such as glazed panels or wood-clad panels.
- EPD doors are **designed to last the life of the building**, under the requirements of the facility, the weather, and other environmental conditions .

Energy Efficiency

- Weather resistance, tight seals, insulation and speed of operation help keep indoor air temperatures constant.
- Energy test results are available which prove the **energy efficiency** of the doors.
- **Costs related to energy efficiency are lower** than other conventional door types.

Emergency Operation

- During a power failure or almost any emergency situation, EPD doors can be opened and closed manually by hand, easily and quickly.
- Doors can be **manually operated safely** and smoothly with no additional tools.

Comments voiced about EPD doors by Fire Department personnel include:

"One other area where the four fold looks superior is with power outages. The four fold doors are simpler to open and close in manual mode."



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