



A SENNECA COMPANY

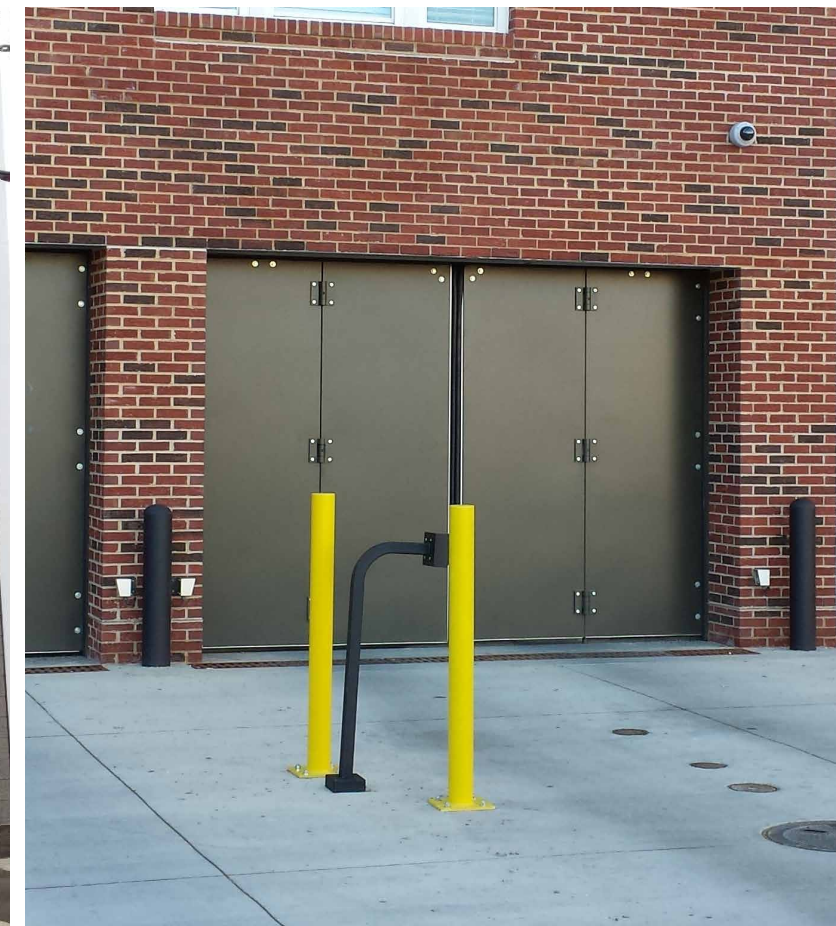
# Four-Fold Doors





**CUSTOMIZED PANEL OPTIONS**

Four-Fold doors can be customized to match any building design! Choose from vision lites, grilles, decorative paneling, pass door and wood/composite cladding.





### HURRICANE RATED

Door Engineering's Four-Fold 701 has been tested and approved for High Velocity Hurricane Zones, up to 120psf and has been approved by the Florida Building Code (#FL17136). The Hurricane Rated door systems are built with 11-gauge structural steel tube and 14-gauge cladding. And you still get options with this door system! It is available in an XT (exterior folding) configuration for more flexibility. Choose from a wide variety of glazing layouts from no glass to full glass.

### TORNADO RESISTANT

The FF800, Tornado Resistant Four-Fold door system has been designed for, tested & passed ICC-500 & FEMA 361 storm shelter requirements. Made with a heavier construction than the standard Four-Fold door system, the FF800 is built to withstand flying debris and extreme wind loads. It is made with 3/16" tubing and 12-gauge sheeting, reinforced window frames and 1 1/4" impact glass. A power or manual operated cremone lock secures the door. The FF800 is available with up to four (4) 12" x 12" windows.

### FOUR-FOLD XT™

Door Engineering's Four-Fold XT™ takes away the concern over limited apparatus bay space! The Four-Fold XT™ operator is interior mounted while the door panels fold to the exterior. This eliminates the bay space that is needed with the regular Four-Fold design.

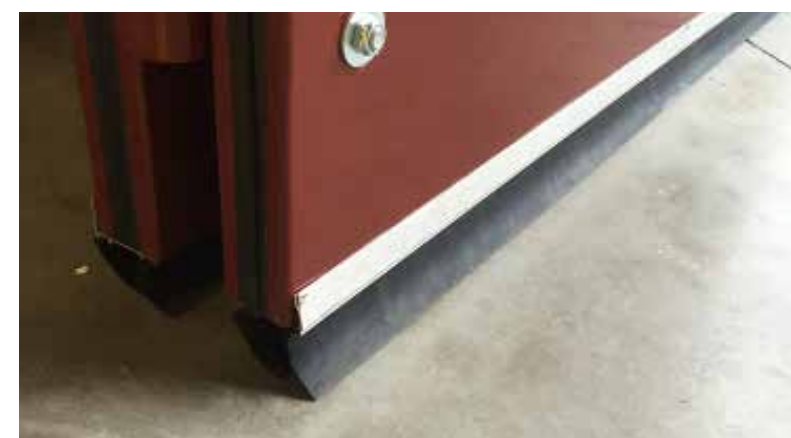
The Four-Fold XT™ door system is still built with all the benefits of our standard Four-Fold door. The heavy-duty design and construction of our Four-Fold door enables it to function under high cycle and other severe conditions, which create chronic service and maintenance problems for the conventional door alternatives.

### FOUR-FOLD GT™

Door Engineering's Four-Fold GT™, folding gate system is the ideal system for perimeter security access. The Four-Fold GT™ security gate systems require very little maintenance and provide high cycle, high speed durability, even in the harshest conditions. The GT features a manual release for easy manual operation and is UL325 Listed.

Panel Design Options:  
Galvanized woven mesh, Vertical bar grills, Louvers, Custom options available

Control Inputs for:  
Safety devices, Loop detectors, Card readers, Other access devices



### **SUPERIOR PERFORMANCE**

The advanced design and construction of the Four-Fold door enables it to function under high cycle and other severe conditions, which create chronic service and maintenance problems for the conventional alternatives.

### **SPEED**

Four-Fold doors clear the opening at an average speed of 24 inches per second. Conventional overhead and coiling doors operate between 8 to 12 inches per second.

**14' x 14' Four-Fold Door = Less than 7 seconds to open**

**14' x 14' Overhead Door = 14 to 21 seconds to open**

The high-speed operation of the Four-Fold door minimizes heating and cooling losses and reduces waiting time, increasing productivity and energy efficiency.

### **HORIZONTAL MOVEMENT**

The Four-Fold door moves horizontally rather than vertically. As a result, the door is visible throughout the entire opening motion allowing the driver to know the precise second the doorway is clear to exit. This allows an apparatus to move quickly and safely.

### **MAINTENANCE**

Standard preventative maintenance (PM) on Four-Fold doors includes applying grease to hinges and operators. With general yearly PM, Four-Fold door operators and components are designed to perform over 1 million cycles. Conventional sectional and coiling doors require constant spring and cable maintenance and replacement to keep them in safe working condition.

### **MANUAL OPERATION**

Manual operation is available with the Four-Fold door system. With the simple pull of a cord, manual operation is quick and easy. It requires no high tension springs or time consuming chain hoists or heavy lifting.

### **FULL PERIMETER SEALS**

Keep the weather out and the climate control in with full perimeter compression seals and dual floor sweeps.

### **HIGH SPEED OPERATOR**

Fully visible high speed operator with high cycle durability. Easy to operate manual release mechanism and low maintenance requirements.



**TESTIMONIAL:** The Marshfield Fire and Rescue Department built a new 32,000 square foot central fire station ... This fire station included the installation of 14 Four-Fold Doors made by Door Engineering and Manufacturing. To say we are **HAPPY** with this product is a significant understatement. ... In addition, according to our members responsible for the minimum maintenance required on these doors, the service manuals and support from this company are **OUTSTANDING**. All this while providing ... fire station doors that are both **AESTHETICALLY PLEASING** and very practical. Our doors continue to be one of the features receiving the most positive comments from community members touring our new facility! -Fire Chief James B. Schmidt



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