

FoldTite Systems
now
Manufactures and Sells
Cool-Air Doors
And
Manual Hangar Doors

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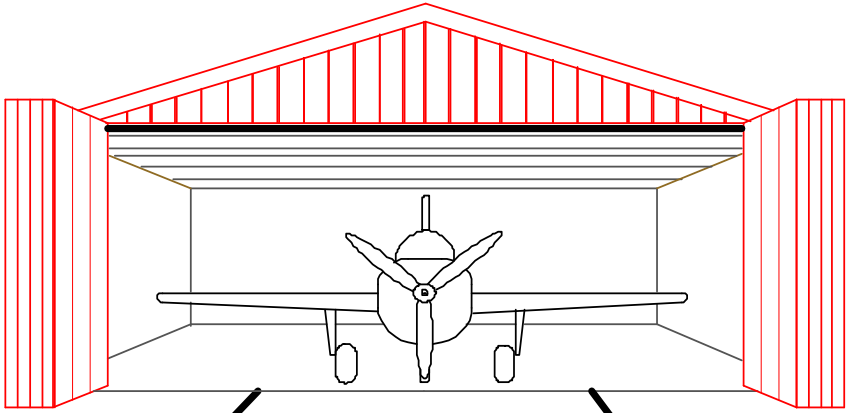
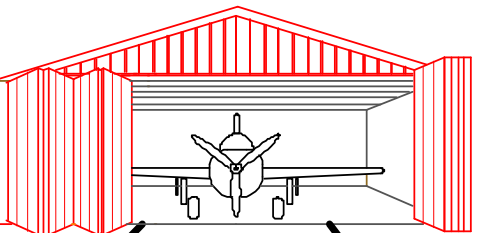
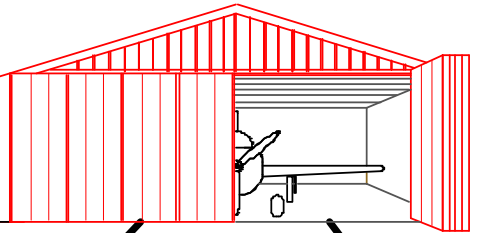
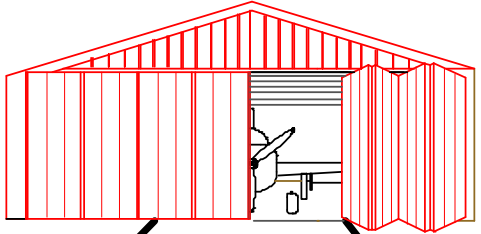
CSA-2.5 FT Fold-Tite Stacker Folding Door System

Install Inside or
Outside

Tightly Folding .
Easy to Move Manual
Operation

Safe Secure and Wind
Resistance.

High quality Aluminum
framing

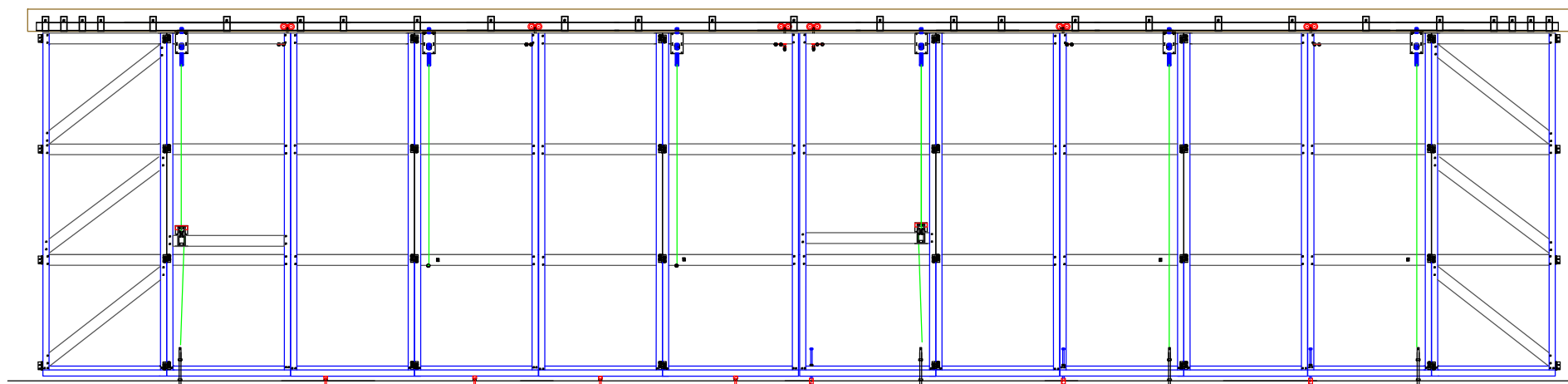


FoldTite Systems

CSA-2.5 FT Fold-Tite Stacker Door System

Narrow Two Panel Sets Operate in Groups that Fold Tightly with Multiple Locks for Easy - Safe Operation

This unique door is designed to provide easy straight forward operation and strong - wind resistant stability - open, closed and when moving. By hinging the truss like starter panel on the building column, the Fold-Tite Door is stabilized. Absolutely all the building opening height is usable. The Fold-Tite stack dimension varies by the opening width and only fifteen inches is needed to store this 40' x 12' open door on each side. The door can be wider than the opening and stack past the opening if enough building with is available. The top mounted guide track requires Six inches above the opening offering the prospect of a very low profile building design. No need to have two or three more feet of building height as necessary for the vertical bi-fold doors, reducing your cost in building design as well as providing an economical door.



Concealed Stay Roller System shown this side of door!

Recessed Guide System shown this side of door!

The Door is installed on the face of almost any type of construction. The door is fitted to the opening so retrofitting existing building is easy and new construction does not require additional height to get the opening needed. The door load is supported by the overhead track with the starter panel hinged to the building column for stability. Wind load is transferred through trolleys and a top lock pin into the header mounted box track. Concealed stay rollers secure the bottom of the door fitting into the aluminum bottom rail or bottom lock pins and rollers fit into a recessed guide channel formed or cut into the concrete. Top and bottom seals are provided and vertical joints are virtually self-sealing. Center Astragal supplied.

The Fold-Tite Door Panel width is standard 40" which will accommodate either steel or polycarbonate sheeting without cutting for width. The extruded "J" trim on each side of the panel provides a finished trim and the addition width to make the standard 36" coverage steel / poly panel fit and 3/4" rib height is desirable. Center panels are 44" wide and one or two panel set/s width may be adjusted to fit the door to the building opening.

The Outboard Brace panel is designed to stabilize the open door. The door is operated in two panel sets, one panel is an active panel with the top trolley, top lock pin. The second panel is called an inactive panel. The panel sets are generally opened half each way although the stack may be uneven. Standard keyed locks are located at the Outboard Brace Panels with entrance at the center of the opening or the door can be operated from inside.

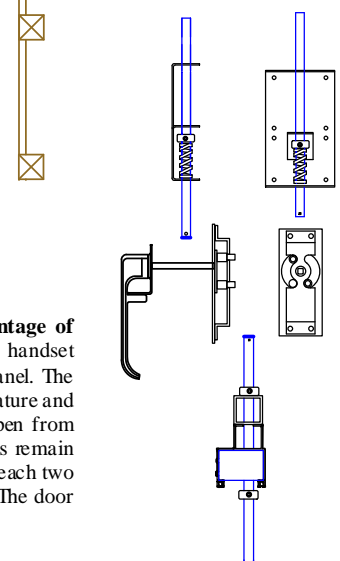
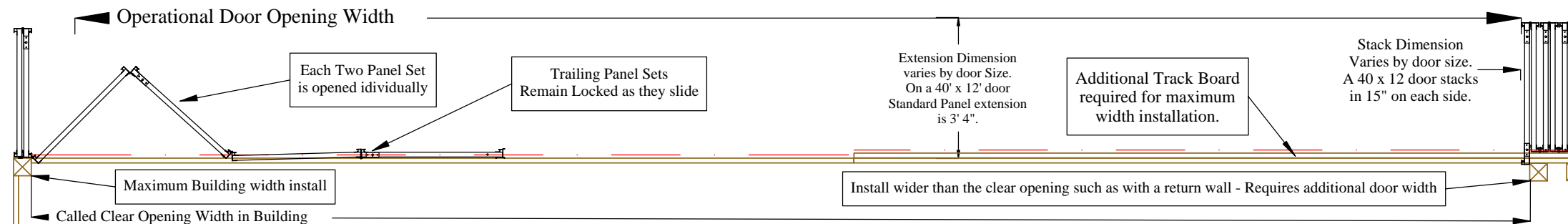
Typical 40' x 10' Door Frame Shown Narrow Panels - Multiple Locks for Secure Easy Operation

CSA-2.5 Complex Structural Aluminum vertical rail components and bottom rail extruded from 6063-T3 material. Pre-painted white and will not rust or require maintenance. Unique shapes fit together easily, have a self trimming "J" trim feature and provides the ability to assemble easily in the field using TEK screws. CSA-4.5 Components offered for high loads.



Aluminum extrusion box tube girt snugly fits into the aluminum vertical to create the door structure and provide the solid base needed for the exterior sheeting attachment. Also used for the diagonal brace in the hinged starter panel for truss like strength and allows virtually any sheeting options. Maintenance free for life.

The Locking System is the primary advantage of this door system. The Pad lockable exterior handset operates the top and bottom lock on the lock panel. The special center lock case includes an override feature and interior handle allowing the locked door to open from the inside. All of the rest of the top lock pins remain secure in the top track as the door opens. Then each two panel set is unlocked and opened in sequence. The door is secure - open, closed and when moving.



Bottom Guide System is available for either snow / ice climates or warm areas. The CSR - Concealed Stay Roller and Aluminum Bottom Rail is the standard system. In warmer climates, a RGC - Recessed Guide Channel may be formed in the concrete under the door and an Aluminum bottom rail with bottom rollers and bottom lock pins supplied. Both systems secure the door when closed and while moving. The concealed stay rollers may be removed after the door is open if desirable and they may be positioned as desired so as not to be in the main traffic areas.



Seals Standard: Top seal is a 1" brush with aluminum holder, bottom seal is a 1.5" Vinyl fitted into the bottom rail, adhesive foam seals supplied for joint between panels, a double astragal is supplied to seal the center of the door. Bottom brush seal optional.

Aluminum Hinge: Mill finish 2.5" X 4" hinge is punched with Obround holes for adjustment. Stainless Steel Pin is standard and Heavy Duty 1/4-20 type F screws are used to secure the hinge to the door. White powder coated hinges are optional.

This system can be ordered to install and open to the inside of the building.

The Standard opening sequence is shown from overhead with the outboard brace panel opening out. This will have the top track mounted on the outside of the header and will require a track rain cover. Optionally the door can be installed with the outboard brace panel opening in-ward with the track attached to the rear of the header. The components are the same for either installation but an additional track board is required for in-ward swing. Standard panel quantity and total stack dimension is listed in the below chart. There is flexibility in the door design and changes necessary to meet specific site dimensions or preferences will be accommodated.

Size	CSA-2.5 - Std Panel 40"		
	Panels	Excess panel width	Operational opening
32 Wide	10	30"	30' 7"
36 Wide	10	47"	34' 7"
40 Wide	12	38"	38' 1"
44 Wide	14	31"	41' 7.5"
48 Wide	14	45"	45' 7.5"
52 Wide	16	29"	49' 2"
56 Wide	16	47"	53' 2"
60 Wide	18	36"	56' 8"

Door Support and Smooth Operation are provided by the overhead Track System. This is one time that Box Track is necessary. As the door folds to the side of the opening, the size of the trolley becomes critical. The design of the box track trolley will allow the tightest stack possible. The width of the center panels is widened to 44" so the center trolleys will not hit each other. A Thrust bearing lets the trolley pendant rotate in the door so multiple panels can slide and fold without binding in the track for single person operation. The 16 gauge straight track is supported 24" on center with side mount brackets and 6" on center to support the open stack. Separate track cover brackets are supplied to support an optional rain cover.