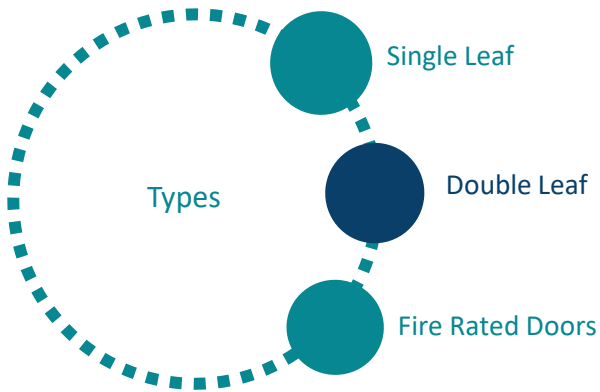


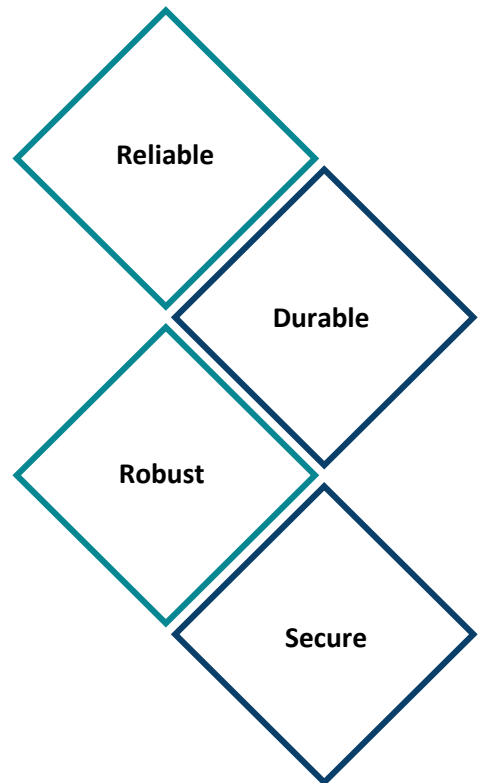
Mechatronix Fire Doors:

Fire Doors are fabricated & designed to be installed in new and existing compartments areas to separate different zones & prevents the spread of fire and allowing time for occupants to escape. Steel Fire Doors are usually used in shopping complexes, offices, factories and residential apartments. Our Fire rated doors come in single leaf and double leaf according to size and type requirements.



Safety & Security Features:

- ✓ Full range of sizes
- ✓ Single and double leaf doors available
- ✓ Stainless steel bolted hinges (standard)
- ✓ Stainless steel handles(standard)
- ✓ Solid door leaf with high quality fire resistance or acoustic filling
- ✓ Choice of frames: wooden internal (standard), wooden embracing, steel frames (optional)
- ✓ Available in wide range of finish and color options
- ✓ Available with a range of hardware and handing



Standards & Certifications:

- ✓ Standard for Safety for Fire Tests of Door Assemblies, ANSI/UL10B
- ✓ Positive Pressure Fire Test of Door Assemblies, ANSI/UL10C
- ✓ Standard Method for Fire Tests of Door Assemblies, CAN/ULC-S104-15

Product Specifications:

| | |
|-----------------------|--|
| Door Leaf Material | 18 Gauge Mild Steel |
| Door Leaf Sheet | G1 1.2mm thick sheet |
| Door Thickness | 1.5 inches (Min) |
| Internal Insulator | Hard Honeycomb Core, Rock Mineral Wool, Ceramic Wool |
| Surface Finish | Painted / Customer Choice |
| Door Frame depth | Normal Width of the frame: 115mm - 240mm |
| Door Frame Material | 14 Gauge Mild Steel |
| Anchors | Different Anchors, such as adjustable vertical anchor, Tee anchor, wire anchor, floor base anchor and etc. |
| Frame Type | Reinforced core frame with stiffeners and filled with Ceramic/Rock |
| Open & Closure Data | Turn or slide, in or out, left or right |
| Fire Resistance | 30-45-60 - 90 – 120 minutes |
| Certificates & Labels | UL Certified Label |
| Vision Panel | With or without as requested |
| Louver | With or without as requested |
| Accessories | Lock, Handle, hinges, door closer, panic bar, Smoke Seals, and other as requested |

Door Configurations:

- ✓ Single leaf Door with Vision Panel, Handle & Door Closer
- ✓ Single leaf Door with Panic Bar & Door Closer
- ✓ Double leaf Door with Vision Panel, Handle & Door Closer
- ✓ Double leaf Door with Panic Bar & Door Closer

Door Closer Features:

- ✓ Adjustable closing speeds
- ✓ Adjustable latching speeds
- ✓ Closing and latching speeds
- ✓ Handling can be easily adjustable on-site feature allows the door to be opened to a specified degree without hitting the wall

Door Hardware:

EXIT DEVICE

VERTICAL PANIC EXIT DEVICE

- ✓ UL Listed
- ✓ Rods are high quality steel
- ✓ Rods can be adjusted to fit various door heights and widths.
- ✓ Top and bottom latching
- ✓ Non-handed
- ✓ Finishes: Stainless steel Aluminum finish

EXIT DEVICE

HORIZONTAL PANIC EXIT DEVICE

- ✓ UL Listed
- ✓ Dogging features are available
- ✓ Adjustable to door width requirements
- ✓ Handed
- ✓ Suitable for single leaf doors
- ✓ Finishes: Stainless steel Aluminum finish

Applications:



- High impact applications
- Utility Buildings
- Residential applications
- Interior applications

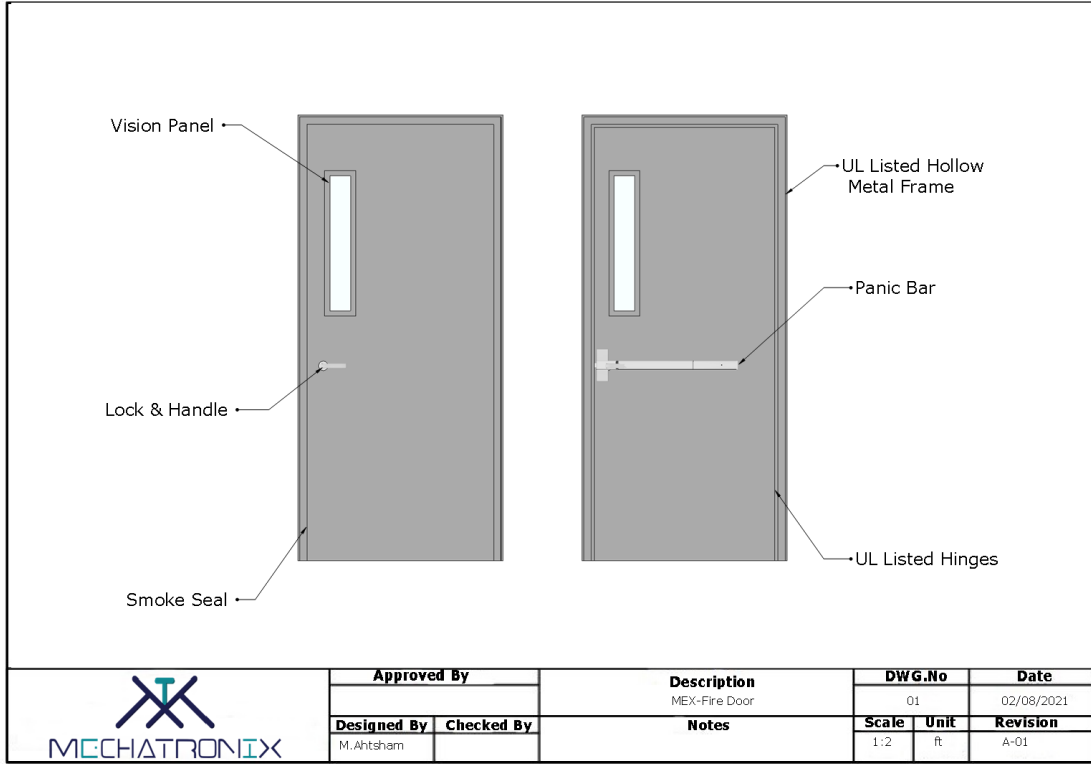


- Frequent use applications
- Educational centers & Embassies
- Health care center
- Commercial towers



Door Accessories :

- ✓ Heavy duty ball bearing Steel Hinges
- ✓ All doors with self-closing and self-latching Fire Rated / Certified hardware
- ✓ Smoke Seals to control fire and smoke spread



Panic Push Bar



knob Lock



Door Closer

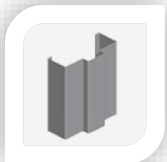


Lever Handle Lock



Bottom Seal

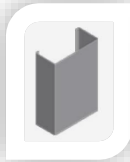
Typical Frames:



Double Rabbit



Single Rabbet



Cased Open



Double Egress



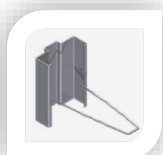
Wrap



Butted



Stud



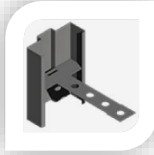
Wire Anchor



Dry Wall Anchor



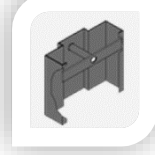
Strap Anchor



Tee Anchor



Stud



Existing Wall Anchor

Our Clients:

Product Gallery:

