



Protecting Life & Property





Steel Fire Door

ASICO provides steel doors and frames to meet the requirement of an opening which requires strength, durability, or maximum fire resistance.

ASICO doors meet all the stipulated international fire safety standards and complement existing passive fire-fighting systems.



Features

- Available in galvanized or stainless steel.
- Each fire door has a label attached indicating the fire test rating.
- UL labeled doors for 60, 90, 180 minutes.
- Clear vision panel for up to 180 minutes.
- Factory prepared to receive all hardware.
- Available in single & double doors.
- Available in primed, paint and wood grain finish.
- ASICO provides full set of UL listed hardware.
- Every assembly configuration such as transom panel, louver, vision panel, frame material, thickness of metal, leaf construction, core type, door set type (single, double or double egress), etc., is covered by the UL certified.

Standards & Certifications

- Tested to UL 10(B) & UL 10(C) and confirming to NFPA and ASTM
- Tested as per BS476 Part 22, BS EN 1634



Underwriters
Laboratories

Applications

These doors can be used in high-rise buildings, metro railway stations, telecom centers, power plants, cellular network stations, garment processing units, shopping malls, industrial plants, multiplexes, hotels, auditoriums, software parks, restaurants, etc. ASICO doors and frames are designed to perform in the most demanding environment.



Steel Fire Door

Door Features

ASICO doors with UL fire resistance available in 20 Ga. 18 Ga. 16 Ga.

Core option: Honeycomb kraft core, steel stiffened, Polyurethane core.

All doors are made with mechanically interlocking seams

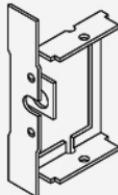
Finished with Primed, painting or wooden grain finished.



Hinge
reinforcements



Inter lock seam edges



Lock box

Hardware reinforcements

11 Ga. For Hinge

12 Ga. For door closer and door holder

16 Ga. For lock / Push bar

ASICO lite frame up to 3 hours



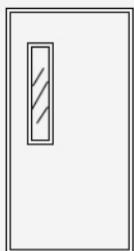
F



G



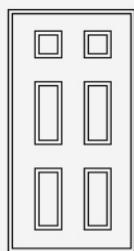
GL



VG



L

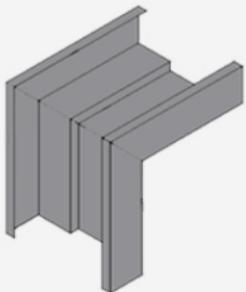


6P



Steel Frame

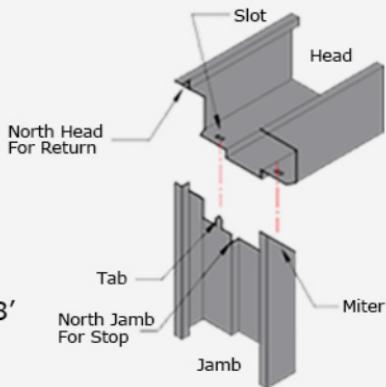
Welded Corner



Features

- Available material Galvanized steel, cold-rolled steel & Stainless steel
- 16Ga. - 14Ga. Thickness
- Welded or Knock down structure

- Different anchors for masonry
wood and metal stud walls
- Unique UL label ID for each frame
- Max sizes for doors 4' x 9 1/2', 8' x 8'



Knock-down Corner

Typical Frames



Double Rabbet



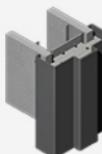
Single Rabbet



Cased Open



Double Egress



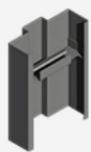
Stud



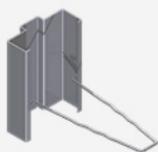
Wrap



Butted



Stud



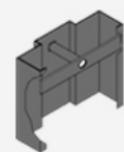
Wire Anchor



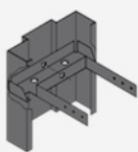
Tee Anchor



Strap Anchor



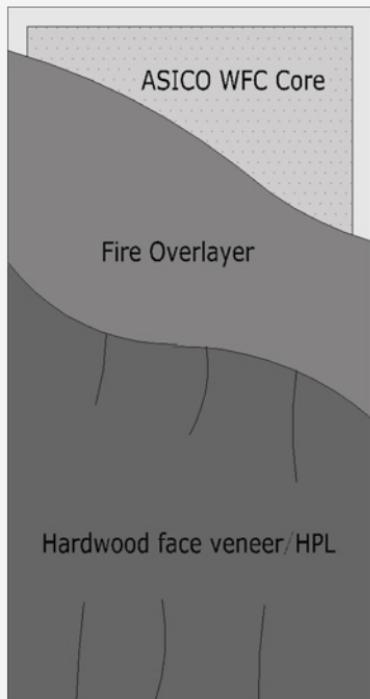
Existing Wall Anchor



Dry Wall Anchor



Wooden Fire Door



ASICO wooden fire door, available in UL / WHI ratings, is suitable for room and corridor partition openings where fire rated doors are required.

1/3 Hour

Flush door, shaker door & panel doors available
S - Label for singles and pairs
Door thickness 1 3/8" & 1 3/4"

3/4 Hour & 1-1/2 Hours

Flush door available
Door thickness 1 3/4"

Standard

UL 10 (b), UL 10 (c),
NFPA, ASTM



Underwriters Laboratories

Product Features

- Label:** UL label with UL file no. R38744 & R38745
- Thickness:** 1 3/4" (44.5mm)
- Maximum size:** Single: 4'0" x 10'0" (1219 x 3048mm)
Double: 8'0" x 8'0" (2438 x 2438mm)
- Lipping:** Hardwood 1/8" (3.0mm)
- Faces :** Medium / high density MDF, marine / commerical plywood, Hardboard overlay and most low sheet 0.50 thickness High Pressure Decorative Laminates. All faces to be per WDMA I.S.1-A face grades unless otherwise specified.
- Overlay:** 1/6" (4.0mm) minimum ASICO fire overlay composite.
- Adhesives:** Doors constructed using water-resistant adhesives.
- Lites frame:** Larger lites available with glazing. UL lite frame ID: R38990
- Louvers:** Up to 24" x 24" (610 x 610mm). Louver(s) allowed in doors with lite openings, exit devices or smoke control doors.
- Positive Pressure:** Singles and pairs require a category B edge seal.
- Intumescent:** SG fire intumescent / smoke seals.



Stile & Rail Door

- Maximum Size 4' x 8' – Single 8' x 11' – Double
- Thickness 1-3/8", 1-3/4"
- Materials Mahogany White Oak Red Oak Pine Walnut Natural Birch Knotty Alder Other available upon request
- Finish Unfinished, White primed finish, Paint finish, etc.
- Constructions

Raised panel



Standard panel door



Solid wooden panel door



Primed MDF pressed panel door

Flat Panel



Standard flat panel door



White shaker door

Raised Molding



Solid timber panel door



Solid Oak
4 Panel Door



Knotty Pine 4 Panel
Shaker Door



Mahogany Arched Top
2 Panel Door



Primed 1 Panel
Shaker Door



Stile & Rail Door



Walnut 4 Panel
Shaker Door



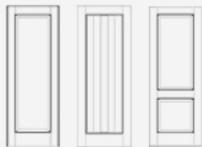
Knotty Alder Arched Top
2 Panel Door



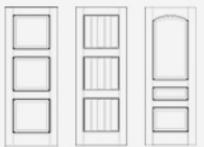
Glass 4 Panel
Shaker Door



White 3 Panel
Shaker Door



More Custom Designs Available



ASICO doors are expertly manufactured for lasting service and impressive aesthetics. At ASICO DOOR, we can create and match a variety of custom architectural designs, ranging from the most contemporary styles to historical renovations.

Fine Exterior Doors Available!





Barn Door



At ASICO DOOR, varieties of Barn Doors are available!

- Wood Species Knotty pine, knotty alder, oak, etc.
- Available Styles K style, Z style, X style, panelled style, shaker style, etc.
- Surface Finish Unfinished surface, primed finish, solid paint finish, etc.
- Different sizes upon clients' request.
- Available in custom designs!

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