



UL CERTIFIED FIRE DOOR

Customized Fire Rated Door

Steel / wood



CONTENTS



Steel Fire Door	3
Fire Door	7
Interior Door	9
credential	14
Industrial Folding Door	15
Industrial Sliding Door	16
Other Hardware	17

UL&EN FIRE DOOR



MN -DSF-1

MONU fire door meets and exceeds UL/EN/BS standard, complying these criteria as UL 10B, UL10C,, EN-1634-1, BS-476-22. Doors are with UL/EN certificate.UL/EN/BS 20 minutes up to 3 hours fire rating Available with fire proof glazing and top light Widely applied to Industrial, Commercial, Chemical, Nuclear and Medical Industries.

Frame

Various kinds design of frame profiles are available, suitable for different installation environment.

Hardware Available

UL/Non-UL panic bar, external level trim, door closer, hinge, flush bolt, vision glass, magnetic door holder, coordinator, smoke seal, handle lock, automatic door bottom seal etc.

Option

Door and frame surface finish could be customized according to RAL color chart.

UL&EN STEEL FIRE DOOR



MN -DSF-2

Certified with UL/EN/BS

20 minutes up to 3 hours fire rating

Double Door customized max size: 8*8 feet

Available with fire-proof window

Certified with UL/EN/BS

20 minutes up to 3 hours fire rating

Single Door customized max size: 4*8 feet

Available with fire-proof window



MN -SSF-1

UL&EN STEEL FIRE DOOR



MN -SSF-2

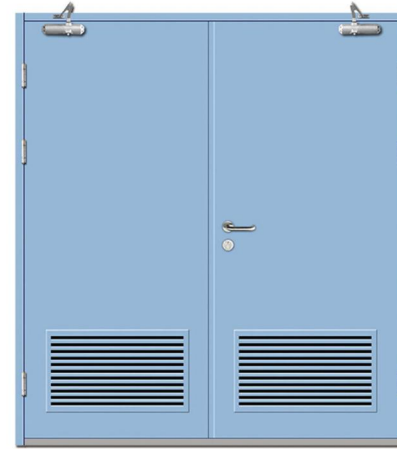
Certified with UL/EN/BS
 20 minutes up to 3 hours fire rating
 Single Door customized max Size: 4*8 feet
 Available with handle lock

Certified with UL/EN/BS
 20 minutes up to 3 hours fire rating
 Single Door customized max size: 4*8 feet
 Available with press bar



MN -SSF-3

UL&EN STEEL FIRE DOOR



MN -DSF-3

Certified with UL/EN/BS
 20 minutes up to 3 hours fire rating
 Double Door customized Max Size: 8*8 feet
 Available with fire proof louver
 Available with handle lock

Certified with UL/EN/BS
 20 minutes up to 3 hours fire rating
 Single Door customized Max Size: 4*8 feet
 Available with louver
 Available with handle lock



MN -SSF-4

FIRE DOOR CROSS SECTION VIEW



STEEL DOOR SKIN:

16GA(1.5mm),18GA(1.1mm),20GA(0.9mm)
A40 Galvanized Or Cold-rolled Steel Skins
Construction is 1-3/4 " (45mm)Thickness

Hinge,closer,lock and strike plate reinforcements
shall be provided.

Hinge reinforcement:10GA(3.5mm)

Closer reinforcement:12GA(2.5mm)

Lock reinforcement:16GA(1.5mm)

Strike plate reinforcement:16GA(1.5mm)

The top,bottom and side closures are fabricated
from 16GA(1.5mm) thick channel shaped steel sections
welded to the front and back door skins.

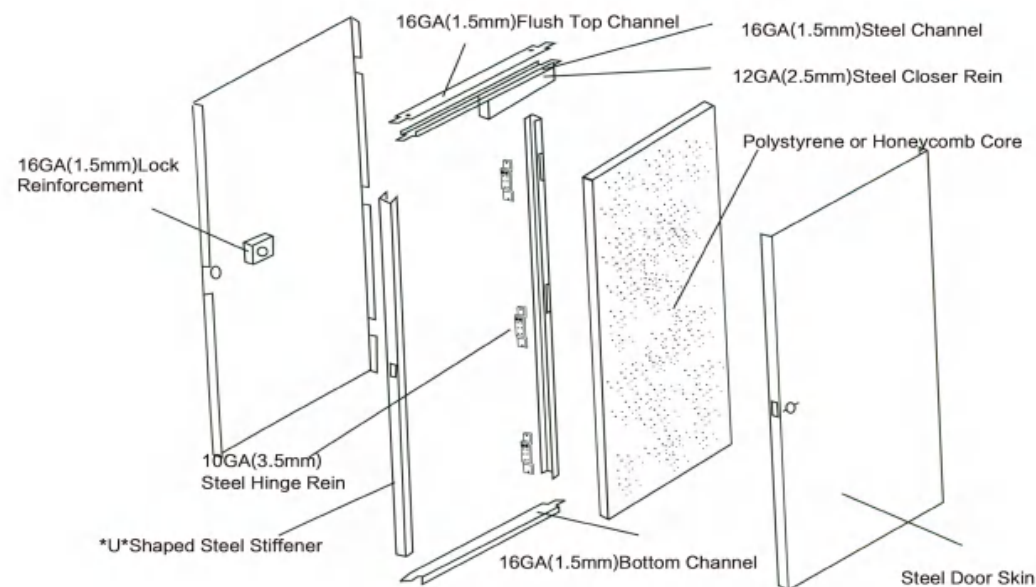
Flush top channel:16GA(1.5mm)

Laser-welded side-seamed edge.

Widths up to and including 4 ' 0 "

Heights up to and including 8 ' 0 "

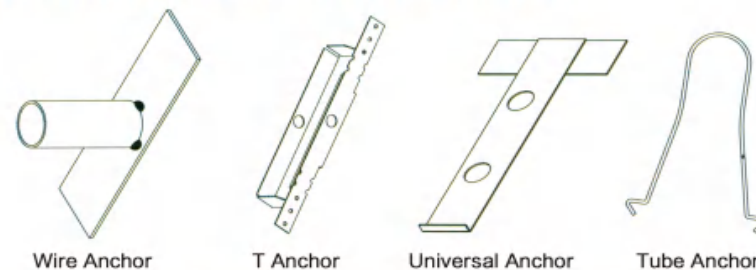
Available with polystyrene core or honeycomb core.



FIRE DOOR FRAME CONSTRUCTION VIEW

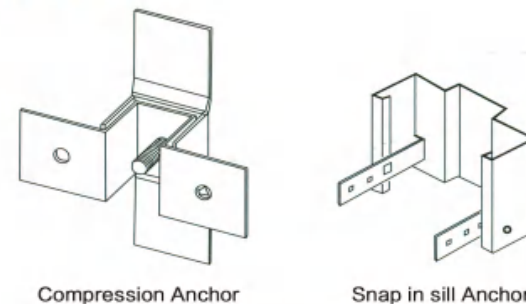


MASONRY/STUD CONSTRUCTION FRAME



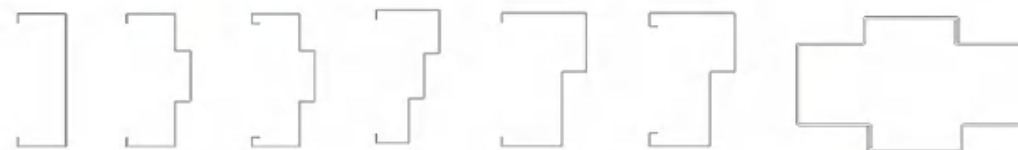
Jamb Depth	4-3/4 "	5-3/4 "	6-1/4 "	6-3/4 "	7-1/4 "	7-3/4 "	8-1/4 "	8-3/4 "	9-1/4 "	10-1/4 "
Throat Opening	3-3/4 "	4-7/8 "	5-1/4 "	5-3/4 "	6-1/4 "	6-3/4 "	7-1/4 "	7-3/4 "	8-1/4 "	9-1/4 "

DRYWALL FRAME



Jamb Depth	4-3/4 "	5-7/8 "	6-1/4 "	6-5/8 "	7-1/4 "	7-3/4 "	8-1/4 "
Throat Opening	3-3/4 "	4-7/8 "	5-1/4 "	5-5/8 "	6-1/4 "	6-3/4 "	7-1/4 "

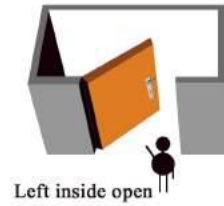
Frame Profiles



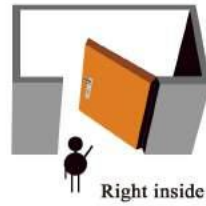
MONU steel fire doors conform or exceed SDI/HMMA industrial standards, fire tested and certified with UL, Intertek/WH from 20Min up to 3hrs fire rating, complying criteria as NFPA252, UBC7-2, UL10(b), UL10(c)

OPEN DIRECTION INDICATOR

The direction of opening the door can be based on customer need



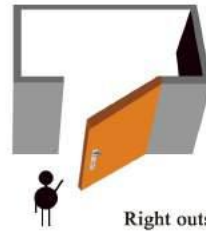
Left inside open



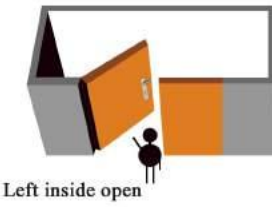
Right inside open



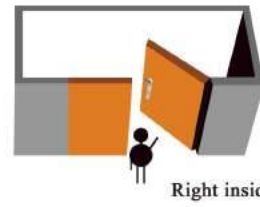
Left outside open



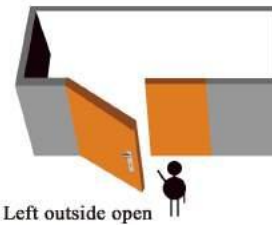
Right outside open



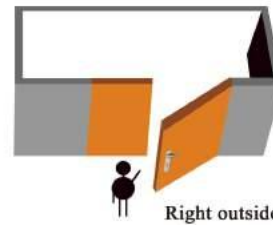
Left inside open



Right inside open



Left outside open



Right outside open

INTERIOR DOOR



INTERIOR DOOR



MN-1



MN-2



MN-3

INTERIOR DOOR



MN-4



MN-5



MN-6



MN-7

PAINTED WOODEN DOOR



MN-27



DOOR ARCHITRAVE TYPE



MNIC-A



MNIC-B



MNIC-C



MNIC-D



MNIC-E



MNIC-F

POPULAR STYLE



MN-22



MN-23



MN-24



MN-25



HOSPITAL DOOR SERIES



STEEL WARD DOOR



INDUSTRIAL CLEAN ROOM DOOR



INDUSTRIAL CLEAN ROOM DOOR



ROLLER SHUTTER DOOR



ROLLER SHUTTER DOOR



PANIC EXIT DEVICES SERIES



OTHER HARDWARE

