

CERTIFICATIONS & TEST REPORT

UL CERTIFICATES

Steel fire doors & Wood fire doors



Steel leaf

Steel frame

Wood leaf



Wood leaf

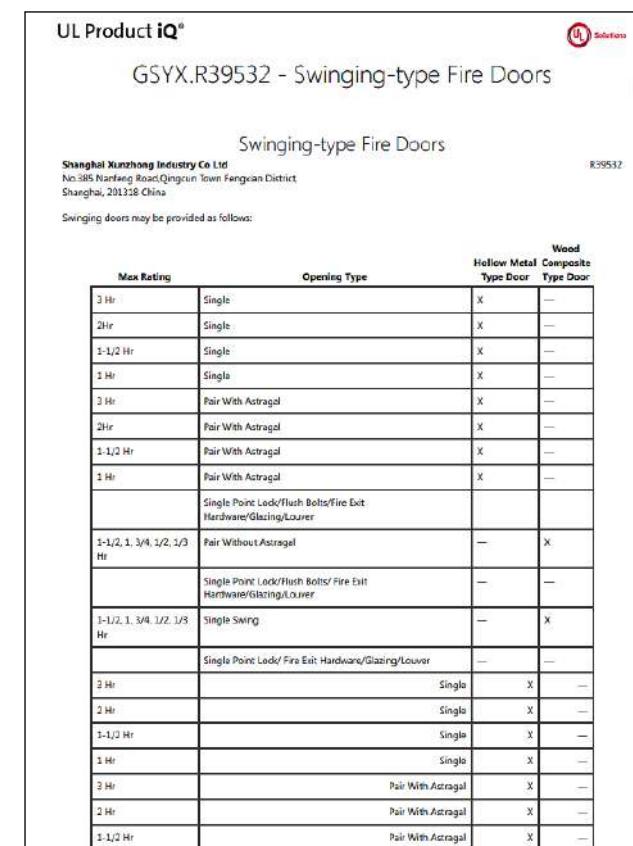
Wood frame

Wood frame

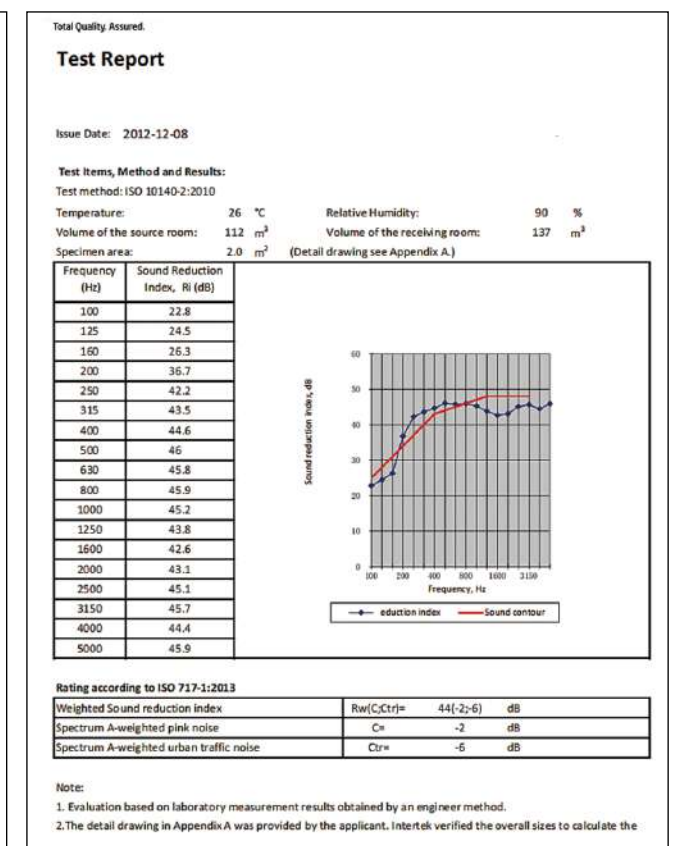
CERTIFICATES



UL TEST REPORT



SOUNDPROOF REPORT



// SINGLE FIRE DOOR

- **Certifications:** Certified with UL/NFPA/EN/BS/GB
- **Fire rated time:** 20 mins up to 180mins
- **Single Door customized Max Size:** 5' * 10' 2.2" ft (height)
- Available with handle lock,panic bar and fire-proof window

Steel fire doors are made of high-strength steel and serve as fire safety facilities in buildings. They possess excellent fire resistance and durability, effectively protecting people's lives and properties.

Additionally, they also offer features such as anti-theft, anti-collision, sound insulation, and thermal insulation.

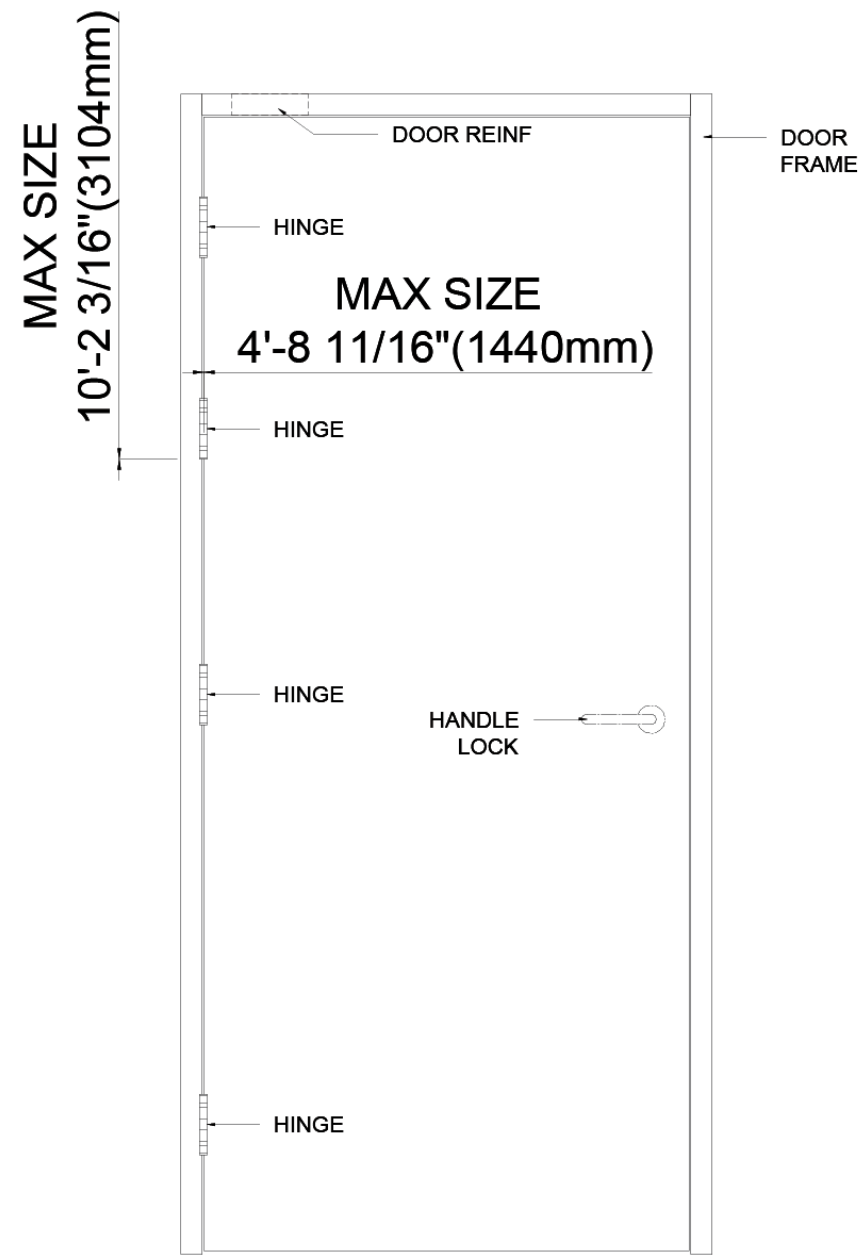


SF20

EXPLODED VIEW OF DOOR



DOOR TYPE SHOW



SF22



SF23



SF24



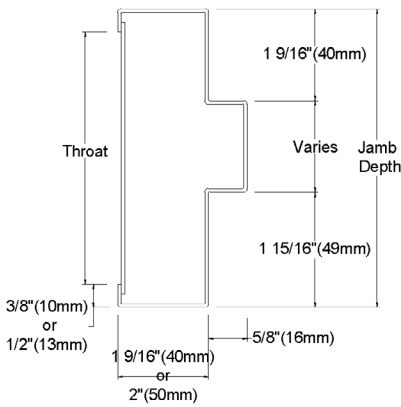
SF25



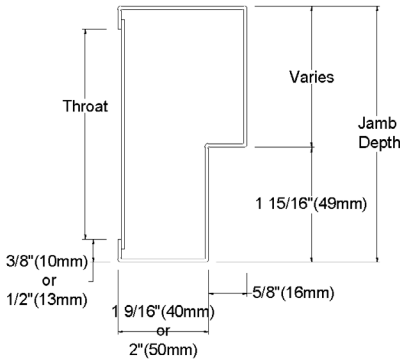
SF26



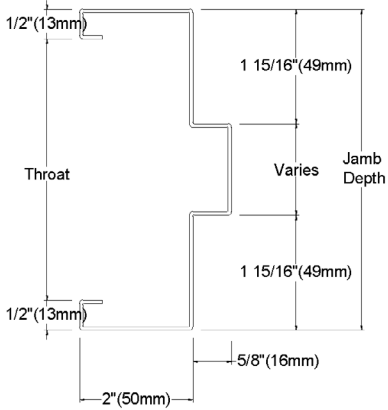
SF27



Single Rabbet



Single Rabbet



Double Rabbet

DOOR APPLICATION



SF22



SF23



SF24



SF28



SF25



SF26



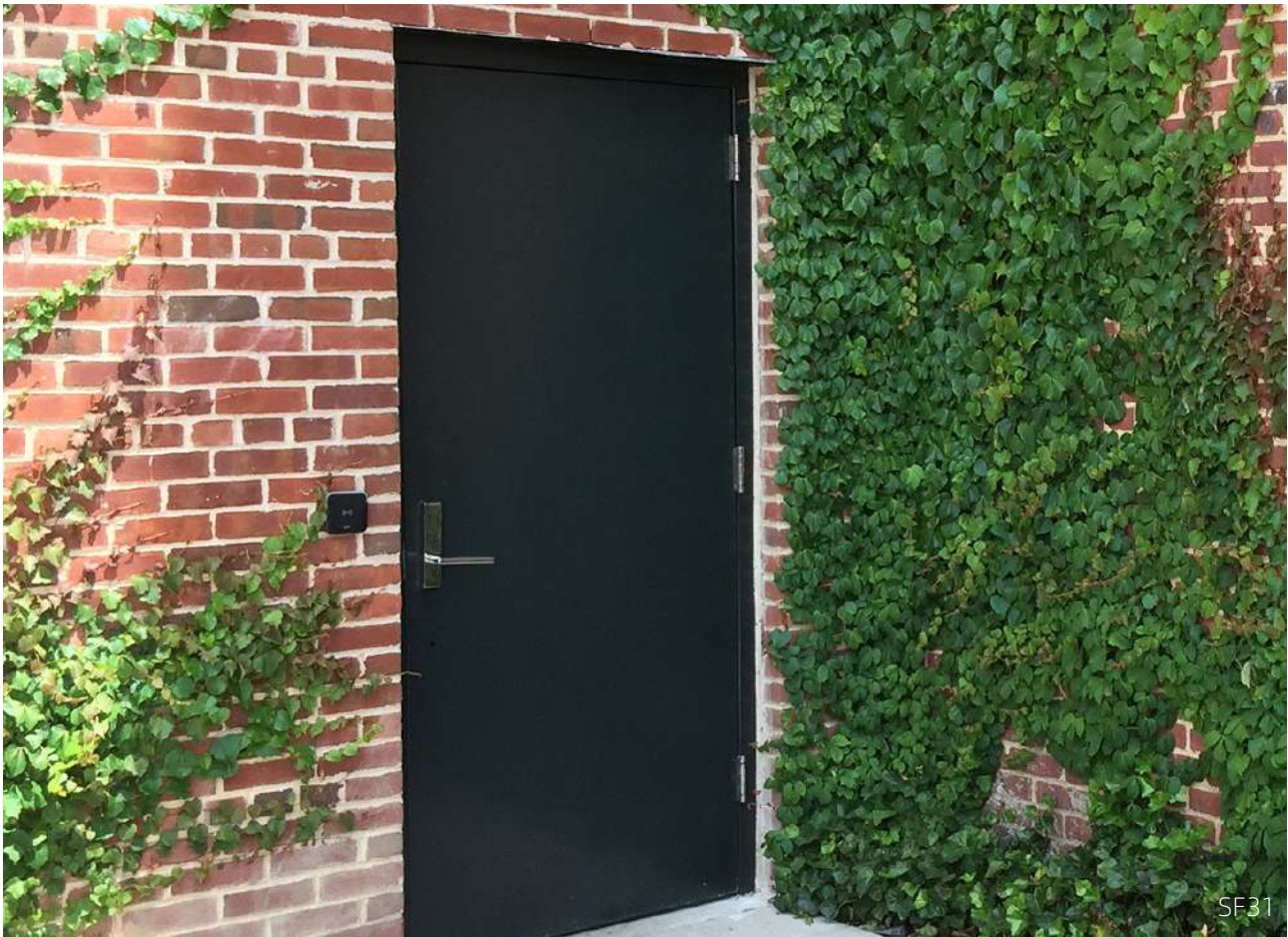
SF27



SF29



SF30



// TECHNICAL INTRODUCTION

XunZhong fire door meets UL/NFPA/EN/BS/GB standard,complying these criteria as UL 10B, UL10C, NFPA-252,EN-1634-1,BS-476-22. Doors are with UL/EN certificate.UL/ NFPA/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.

CARVING / INLAY OPTIONS

Customized metal/wood trims inlay, profile carving, sometimes change a boring flush door design to a unique and beautiful one. Work with XZIC to get your unique design.

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.

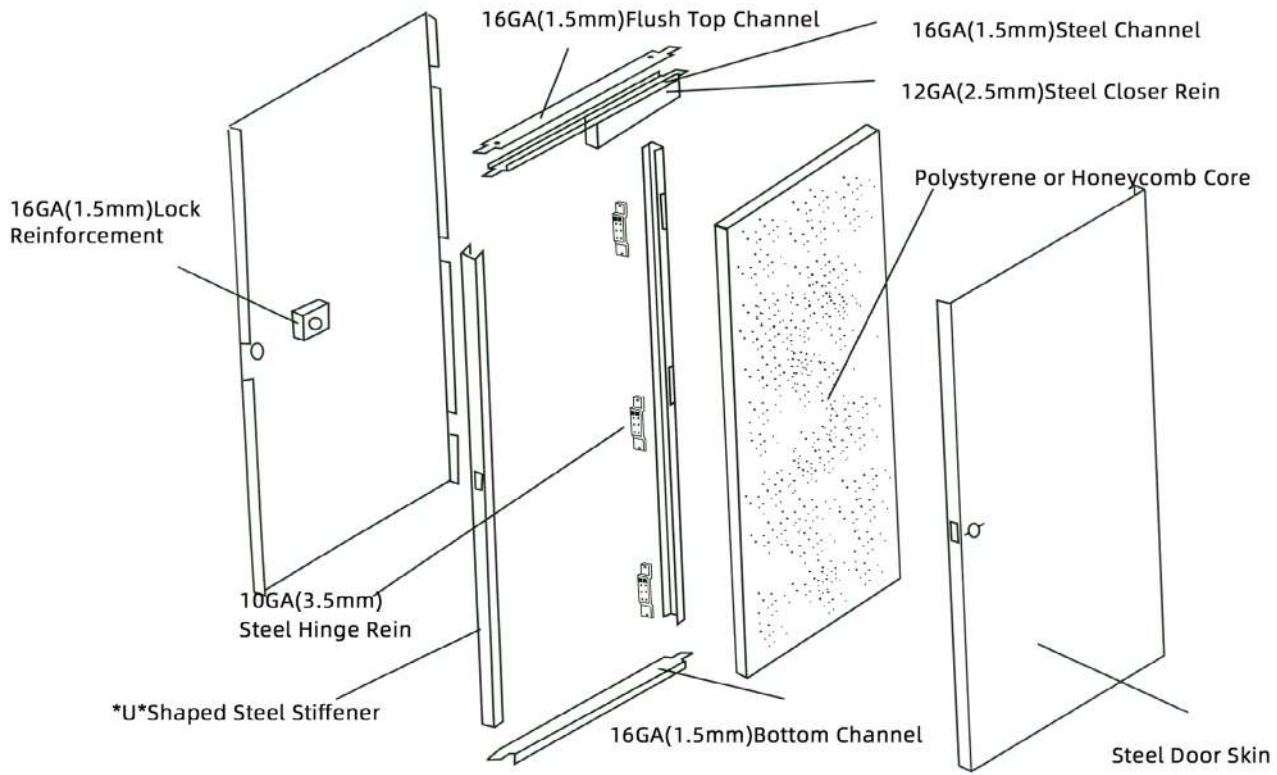
Flush top channel:16GA(1.5mm)

Laser-welded side-seamed edge.

Widths up to and including 5 " ft

Heights up to and including 10 ' -2.2 " ft

Available with polystyrene core, honeycomb core or Perlite



TYPICAL STEEL FRAME DESIGN

Double Rabbet



Single Rabbet



Cased Open



Double Egress



Typical Wall Construction

Double Rabbet



Butted



Typical Sill And Wall Anchors

Wire



T



Stud



Sill anchor

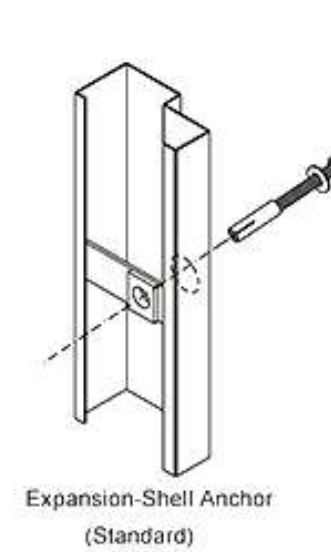


Typical Sill And Wall Anchors

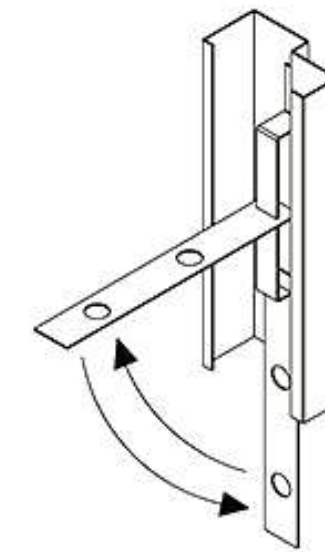
Pressure anchor



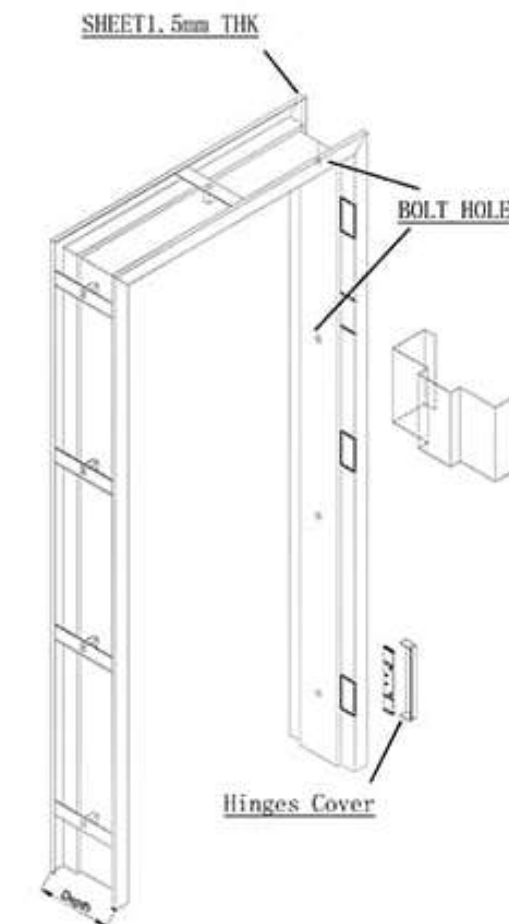
Sill anchor (loose)



Expansion-Shell Anchor
(Standard)



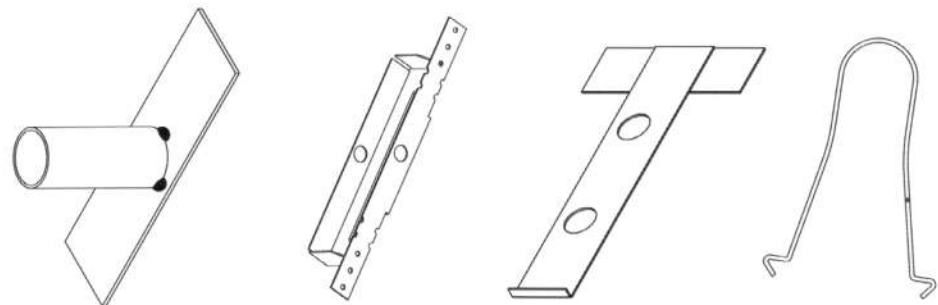
Adjustable Masonry Anchor
(Optional, on request only)



Door frame



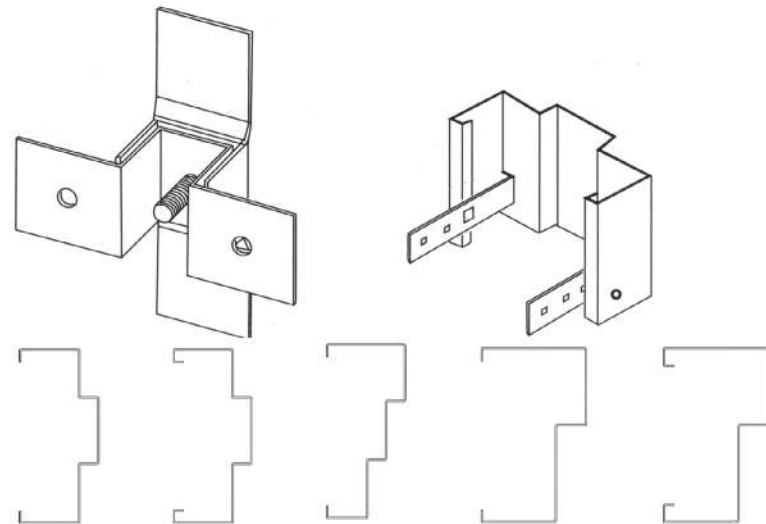
MASONRY/STUD CONSTRUCTION FRAME



Wire Anchor T Anchor Universal Anchor Tube Anchor

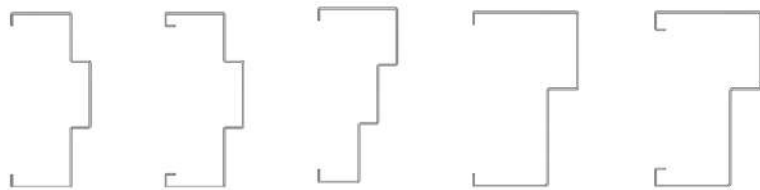
Jamb Depth	4-3/4"	5-3/4"	6-1/4"	6-3/4"	7-1/4"	7-3/4"	8-1/4"	8-3/4"	9-1/4"	10-1/4"
Throat Opening	3-3/4"	4-7/8"	5-1/4"	5-3/4"	6-1/4"	6-3/4"	7-1/4"	7-3/4"	8-1/4"	9-1/4"

DRYWALL FRAME



Jamb Depth	4
Throat Opening	3

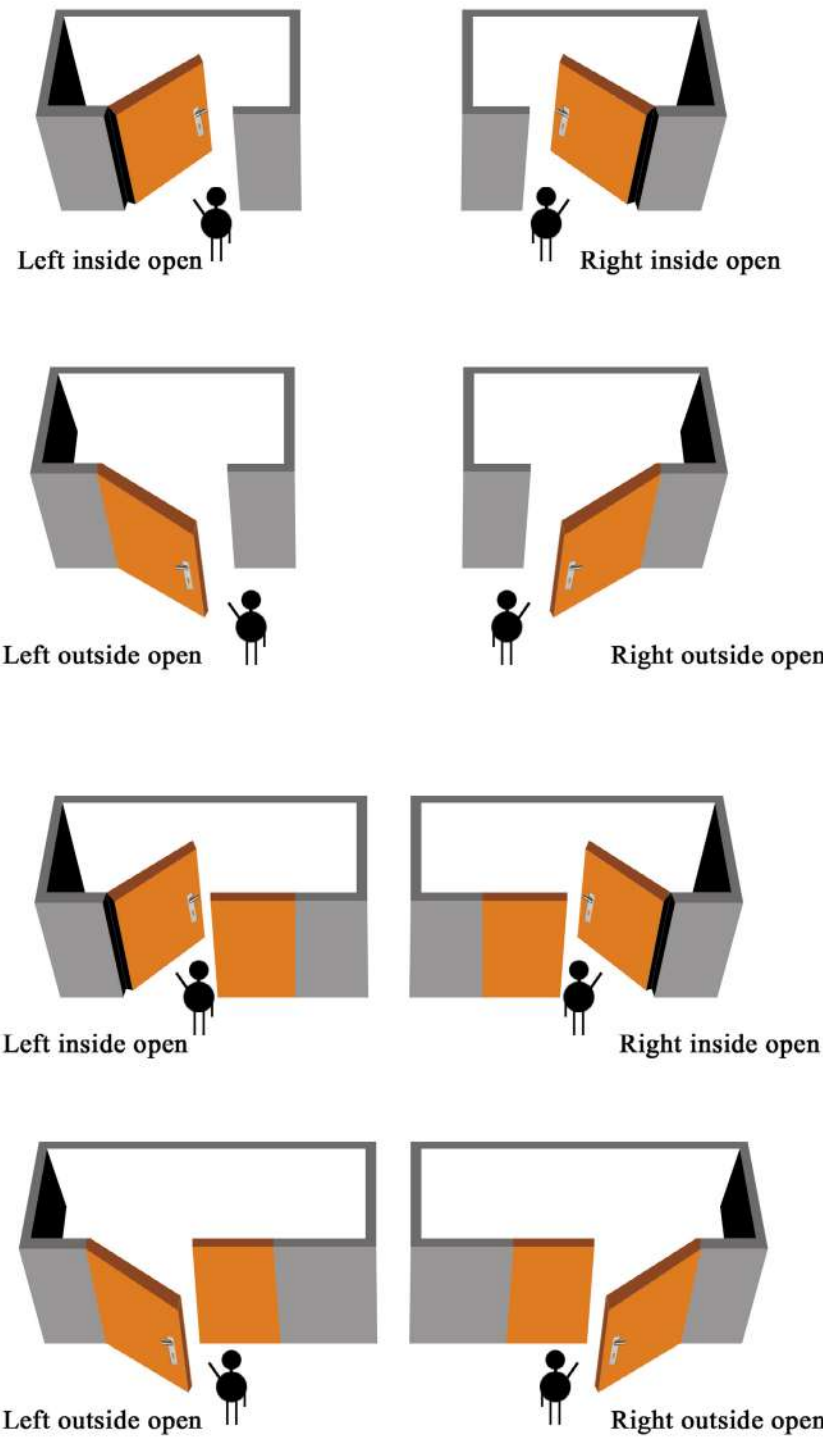
Frame Profiles



xunzhong 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 UBC7-2, ANSI/UL10C UL10B CAN/ULC-S104

OPEN DIRECTION INDICATOR

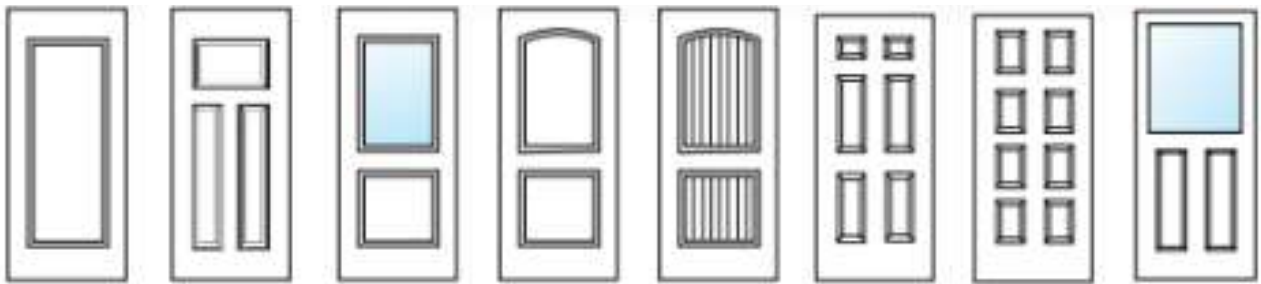
The direction of opening the door can be based on customer need



EMBOSSED PANELS

Another easy way to make your door look great is with embossed panels. This is a cost-effective metal version of Stile and

Rail wood doors that bring a traditional and elegant look to your door. With up to 8 panels, you have variety of options to find the right look for your aesthetic.



SF40



SF41



SF42



Flush



Vision Lite



Louvered



Two Panel



Four Panel



Six Panel

// DOOR SURFACE TREATMENT

WOOD GRAIN TRANSFER

Wood grain transfer is a process of applying a wood grain pattern onto a surface, typically used for non-wood materials, to create the appearance of real wood.

After the transfer process, the surface will have the appearance of real wood, with the texture and wood grain pattern imprinted onto it, providing a wide range of design possibilities.



SF50



SF51



SF52

COLOR
OPTIONS



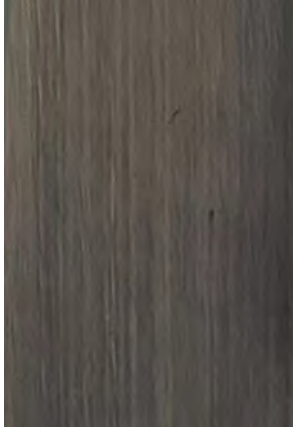
4k9058-3



4k9035-5



ps1583



wt01



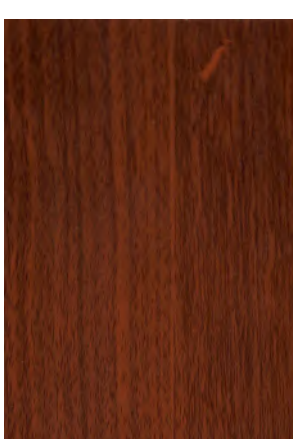
wt02



wt03



wt04



wt05



wt06



wt07



wt08



wt09

* XZIC offers customized color options, and don't hesitate to contact our sales representatives for more information.



SF53



SF54



SF55

SPRAYING PROCESS COLOR OPTIONS

In addition, we provide customization services to create unique colors based on our customers' specific requirements. Whatever color you need, we can meet your needs and provide personalized color schemes for your products.

RAL 1000	RAL 1013	RAL 1034
RAL 1001	RAL 1014	RAL 1035
RAL 1002	RAL 1015	RAL 1036
RAL 1003	RAL 1016	RAL 1037
Signalfarbe für Warnung, Vorsicht, Hinweis (DIN 4844) RAL 1004	RAL 1017	RAL 2000
RAL 1005	RAL 1018	RAL 2001
RAL 1006	RAL 1019	RAL 2002
Signalfarbe für Warnung vor Gefahren und Hindernissen (DIN 4844) ehemals Chromgelb RAL 1007	RAL 1020	Kennfarbe für Durchfluss von Säuren (DIN 2403) RAL 2003
verwendet für Rettungswagen RAL 1011	Kennfarbe für Durchfluss brennbarer und verflüssigter Gase (DIN 2403) ehemals Kadmiungelb RAL 1021	RAL 2004
RAL 1012	RAL 1023	RAL 2008
RAL 1033	RAL 1024	RAL 2009
RAL 9010	RAL 1027	RAL 2010
RAL 9007	auch als Lufthansa-Gelb bezeichnet RAL 1028	RAL 2011
RAL 7005	RAL 1032	RAL 2012

RAL 7006	RAL 7031	RAL 8000
RAL 7008	RAL 7032	Kennfarbe für Durchfluss brennbarer Flüssigkeiten (DIN 2403) RAL 8001
RAL 7009	RAL 7033	RAL 8002
RAL 7010	RAL 7034	RAL 8003
RAL 7011	verwendet für Gehäuse von Computern RAL 7035	RAL 8004
RAL 7012	RAL 7036	RAL 8007
RAL 7013	RAL 7037	RAL 8008
RAL 7015	RAL 7038	RAL 8011
RAL 7016	RAL 7039	RAL 8012
RAL 7021	RAL 7040	RAL 8014
RAL 7022	RAL 7042	RAL 8015
RAL 7023	RAL 7043	RAL 8016
RAL 7024	RAL 7044	RAL 8017
RAL 7026	RAL 7045	RAL 8019
RAL 7030	RAL 7046	RAL 8022
RAL 9001	RAL 9016	RAL 8023
RAL 9002	RAL 9017	RAL 8024
RAL 9003	RAL 9018	RAL 8025
RAL 9004	RAL 9021	RAL 8027
RAL 9005	RAL 9022	RAL 8028
RAL 9006	RAL 9023	RAL 8029