

Fixed Fire Fighting Installation
A.M.C. • Detection System
Event & Exhibition Consultancy In Fire Prevention



G-FORCETM
FIRE SERVICES



**TRENDY
DOORS
FOR
TRENDY
HOMES**

FIRE DOORS

30 MIN TIMBER FIRE DOORS

with Stability, Integrity and 30 Min Insulation



G-FORCETM
FIRE SERVICES

Fixed Fire Fighting Installation / A.M.C. • Detection System
Event & Exhibition Consultancy In Fire Prevention

TECHNICAL BRIEF

Material	Hardwood, Maranti, Teak, Beech, etc.
Frame Profile	110 x 55 mm
Sound Rating	upto 30 dB
Shutter Thickness	45 mm \pm 2 mm
Infill Materials	Proprietary infill material sandwiched between two non combustible boards
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2400 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Wired Glass, 6.0 mm, Fire Rated Clear Glass, 6.0 mm
Others	Pull Handles, Door Stopper, Flush/ tower bolts etc.
Finishes	Painted frame and shutter Painted frame with laminated shutter Polished frame with Veneered shutter



Steel Frames with Timber Shutters possible

FIRE DOORS

60 MIN TIMBER FIRE DOORS

with Stability, Integrity and 60 Min Insulation

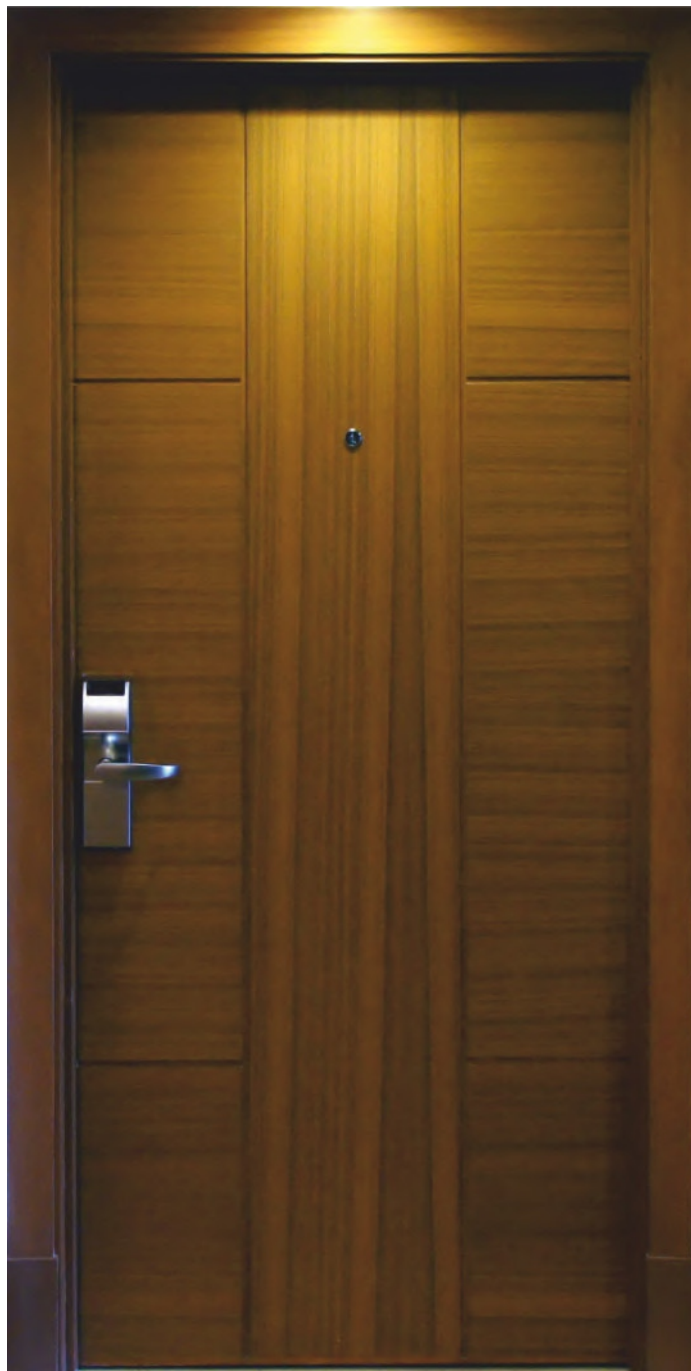


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TECHNICAL BRIEF

Material	Hardwood, Maranti, Teak, Beech, etc.
Frame Profile	110 x 65 mm
Sound Rating	upto 30 dB
Shutter Thickness	50 mm \pm 2 mm
Infill Materials	Proprietary infill material sandwiched between two non combustible boards
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2400 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Wired Glass, 6.0 mm, Fire Rated Clear Glass, 6.0 mm
Others	Pull Handles, Door Stopper, Flush/ tower bolts etc.
Finishes	Painted frame and shutter Painted frame with laminated shutter Polished frame with Veneered shutter



Steel Frames with Timber Shutters possible

FIRE DOORS

120 MIN TIMBER FIRE DOORS

with Stability, Integrity and 120 Min Insulation



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TECHNICAL BRIEF

Material	Hardwood, Maranti, Teak, Beech, etc.
Frame Profile	120 x 70 mm
Sound Rating	upto 35 dB
Shutter Thickness	60 mm \pm 2 mm
Infill Materials	Proprietary infill material sandwiched between two non combustible boards
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2400 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Wired Glass, 6.0 mm, Fire Rated Clear Glass, 6.0 mm
Others	Pull Handles, Door Stopper, Flush/ tower bolts etc.
Finishes	Painted frame and shutter Painted frame with laminated shutter Polished frame with Veneered shutter



Steel Frames with Timber Shutters possible

FIRE DOORS

30 MIN STEEL FIRE DOORS



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TECHNICAL BRIEF

Material	Cold Rolled, Galvanized Steel
Sheet Thickness	1.0 mm for frame, 0.9 mm for shutter
Frame Profile	100 x 57 mm
Shutter Thickness	40 mm \pm 2
Infill Materials	Honeycomb
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2500 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Wired Glass, 6.0 mm thick Fire Rated Clear Glass, 6.0 mm thick
Louvers	Auto-close louver, with fusible link which close in case of fire
Others	Smoke seals, Auto Door Bottom Seals, Intumescent Strips, Pull Handles, Door Stopper, Flush/ tower bolts etc.



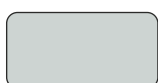
FINISHES



RAL 9010



RAL 5015



RAL 7035



RAL 3001



RAL 8016



RAL 1021



RAL 4011



RAL 6028

Details given are for standard product,
customization possible,
please ask sales representative

Wooden Finishes also possible

Other colour possible, please ask sales representative

FIRE DOORS

60 MIN STEEL FIRE DOORS



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TECHNICAL BRIEF

Material	Cold Rolled, Galvanized Steel
Sheet Thickness	1.0 mm for frame, 0.9 mm for shutter
Frame Profile	100 x 57 mm
Shutter Thickness	40 mm \pm 2
Infill Materials	Honeycomb
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2500 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Wired Glass, 6.0 mm thick Fire Rated Clear Glass, 6.0 mm thick
Louvers	Auto-close louver, with fusible link which close in case of fire
Others	Pull Handles, Door Stopper, Flush/ tower bolts etc.



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FIRE DOORS

60 MIN STEEL FIRE DOORS

with Stability, Integrity and 60 Min Insulation



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TECHNICAL BRIEF

Material	Cold Rolled, Galvanized Steel
Sheet Thickness	1.2 mm for frame, 1.0 mm for shutter
Frame Profile	140 x 65 mm
Sound Rating	upto 35dB
Shutter Thickness	45 mm \pm 2
Infill Materials	Proprietary infill materials
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2500 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Glass, 6.0 mm thick
Others	Pull Handles, Door Stopper, Flush/ tower bolts etc.



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FIRE DOORS

120 MIN STEEL FIRE DOORS



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TECHNICAL BRIEF

Material	Cold Rolled, Galvanized Steel
Sheet Thickness	1.0 mm for frame, 0.9 mm for shutter
Frame Profile	143 x 57 mm, 100 x 57 mm
Shutter Thickness	48 mm \pm 2 mm
Infill Materials	Honeycomb Mineral Wool
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2500 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Wired Glass, 6.0 mm thick Fire Rated Clear Glass, 6.0 mm thick
Louvers	Auto-close louver, with fusible link which close in case of fire
Others	Pull Handles, Door Stopper, Flush/ tower bolts etc.



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TECHNICAL BRIEF

Material	Cold Rolled, Galvanized Steel
Sheet Thickness	1.5 mm for frame, 1.2 mm for shutter
Frame Profile	140 x 65 mm
Sound Rating	upto 40 dB
Shutter Thickness	60 mm \pm 2 mm
Infill Materials	Proprietary infill material
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2500 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Glass, 6.0 mm thick
Others	Pull Handles, Door Stopper, Flush/ tower bolts etc.



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FIRE DOORS

180 MIN STEEL FIRE DOORS



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TECHNICAL BRIEF

Material	Cold Rolled, Galvanized Steel
Sheet Thickness	1.5 mm for frame, 1.2 mm for shutter
Frame Profile	143 x 57 mm
Sound Rating	upto 35 dB
Shutter Thickness	60 mm \pm 2 mm
Infill Materials	Mineral Wool
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2500 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Glass, 6.0 mm
Louvers	Auto-close louver, with fusible link which close in case of fire
Others	Pull Handles, Door Stopper, Flush/ tower bolts etc.



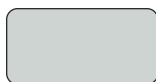
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FIRE DOORS

180 MIN STEEL FIRE DOORS

with Stability, Integrity and 180 Min Insulation



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TECHNICAL BRIEF

Material	Cold Rolled, Galvanized Steel
Sheet Thickness	2.0 mm for frame, 1.5 mm for shutter
Frame Profile	150 x 95 mm
Sound Rating	upto 40 dB
Shutter Thickness	60 mm \pm 2 mm
Infill Materials	Proprietary infill materials
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2500 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Glass, 6.0 mm
Others	Pull Handles, Door Stopper, Flush/ tower bolts etc.



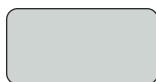
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FIRE DOORS

240 MIN STEEL FIRE DOORS



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TECHNICAL BRIEF

Material	Cold Rolled, Galvanized Steel
Sheet Thickness	2.0 mm for frame, 1.5 mm for shutter
Frame Profile	150 x 95 mm
Sound Rating	upto 35 dB
Shutter Thickness	90 mm \pm 2 mm
Infill Materials	Proprietary infill materials
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2500 mm
Options	Threshold for bottom/ 4-sided frame, Transom/ Side Panels
Locks	Mortise Sash Lock with lever handle, Mortise Sash Lock with lever handle and bolt, Mortise Dead lock with bolt, Cylindrical lock, Panic Exit Devices & Trims
Door Closer	Surface Mounted Concealed Door Closer
Vision Glass	Fire Rated Clear Glass, 6.0 mm
Others	Pull Handles, Door Stopper, Flush/ tower bolts etc.



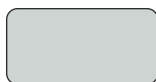
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SHAFT DOORS

TECHNICAL BRIEF

Material	Cold Rolled, Galvanized Steel
Sheet Thickness	1.0 mm for frame, 0.9 mm for shutter
Frame Profile	100 X 57 mm
Shutter Thickness	As per Fire Rating
Infill Materials	Honeycomb
Maximum leaf width and height for single leaf	Width upto 1200 mm Height upto 2500 mm
Locks	Shaft Lock Bolt with common key
Vision Glass	Fire Rated Clear Wired Glass, 6.0 mm thick Fire Rated Clear Glass, 6.0 mm thick
Others	Flush Handle, Pull Handles, Flush/ Tower Bolts, Key Box



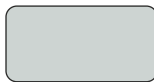
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