FIRE RATED DOOR

Crafted with premium materials and certified to the highest standards, our fire-rated doors deliver unmatched quality, durability, and protection you can trust.

APPLICATION OF FIRE RATED DOOR

SUPERWOOD's fire resistant door is applicable to any domestic, commercial, industrial, government building such as :

- Condominium
- Flats
- Hotels
- Hospitals
- Shop Office
- Office Buildings / Blocks
- Factories
- Shopping Complex

SINGLE | DOUBLE LEAVES (1-Hour Rating)

Fire Rating	Door Core	Door Finishes	Max. Door Height
(1-Hour Rating)	Solid Core	Plywood, Paint	2400mm
Vision Panel	Door Lipping	Door Frame	Max. Door Width
Rectangular Max. Dimension 150mm x 300mm	ABS, Timber	Galvanized Steel, Timber Hardwood	1200mm (S) 2400mm (D)
			Min. Door Thickness 44mm

SINGLE | DOUBLE LEAVES (2-Hour Rating)

Fire Rating	Door Core	Door Finishes	Max. Door Height
(2-Hour Rating)	Solid Core	Plywood, Paint	2400mm
Vision Panel	Door Capping	Door Frame	Max. Door Width
No Vision Panel Full MGO	ABS, Timber	Metal Only	1200mm (S) 2400mm (D)
			Min. Door Thickness 50mm

Rectangle Vision Panel

SUPERWOOD's fire resistant door playing an important role in saving lives by slowing down the spread of fire. It meets building regulation specialty where they need to be fitted in commercial settings.

APPROVED FIRE RESISTANT DOORSET SYSTEM

1-HOUR RATING

1-hour fire resistant doorset system is constructed from solid core design, fabricated from high perfomance fire resistant board complete with both sides plywood finish and edged with timber lipping. Minimum door thickness is 44mm.
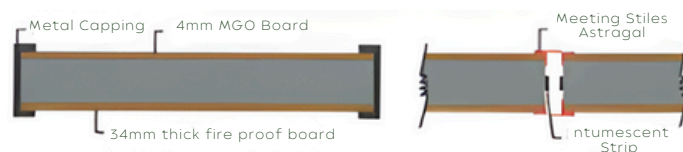
CROSS SECTION OF DOOR LEAF

2-HOUR RATING

2-hour fire resistant doorset system is constructed from solid core design, fabricated from high perfomance fire resistant board and edged with metal capping. Minimum door thickness is 48mm.

CROSS SECTION OF DOOR LEAF

STRUCTURE *&* HARDWARE
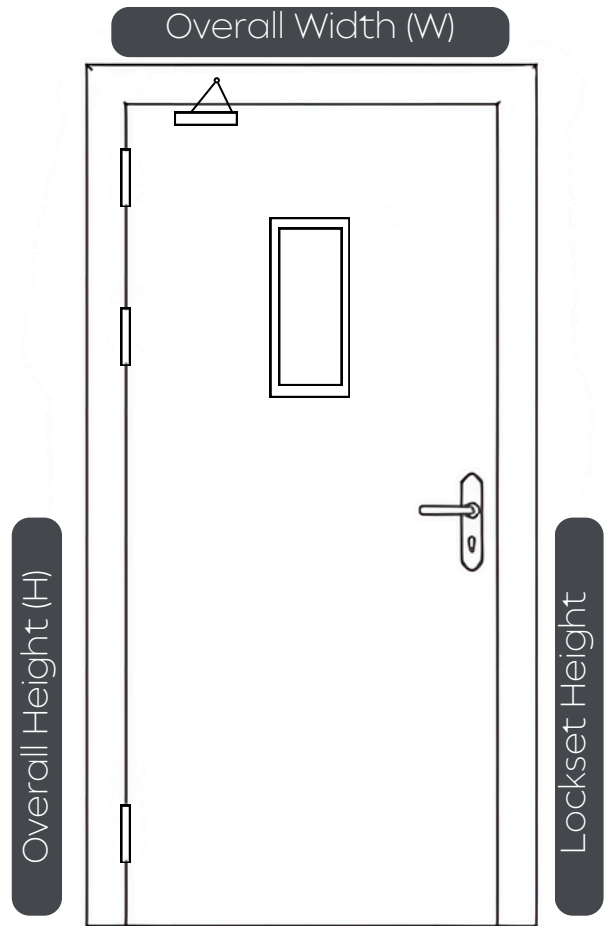
Overall Width (W)

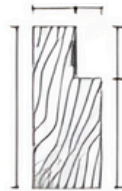Overall Height (H)

Lockset Height
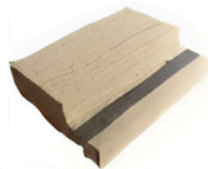
DOOR SECTION

Timber Hardwood
Door Frame

DOOR FRAME PROFILE
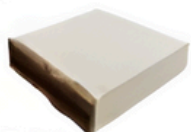
Single Rebated   Double Rebated

DOOR LIPPING
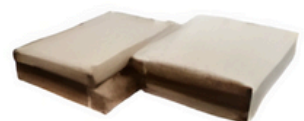
ABS Edging

Timber Edging
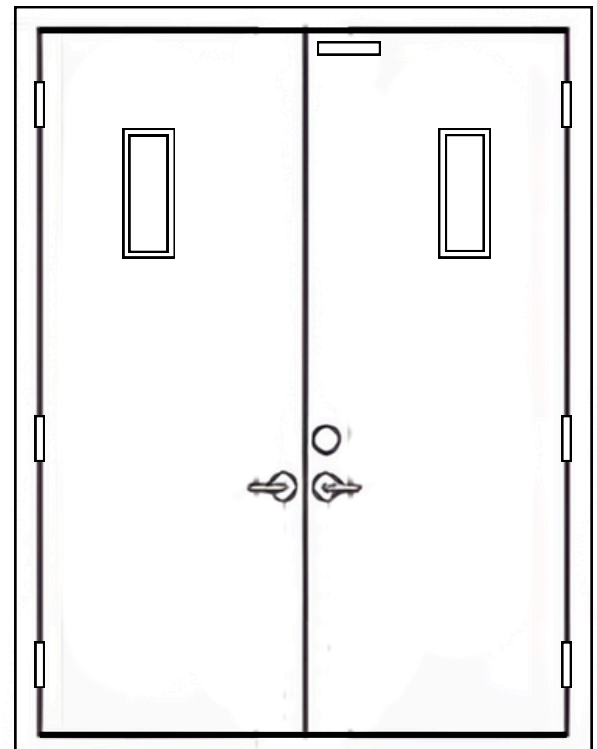
MEETING STILE

ABS Meeting Stile (For Double Leaves)

Timber Meeting Stile (For Double Leaves)
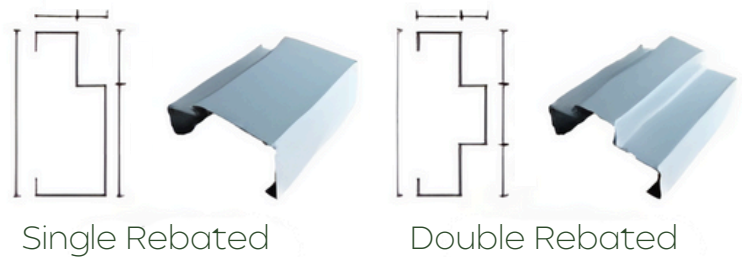
STRUCTURE & HARDWARE

Overall Width (W)

Overall Height (H)

DOOR SECTION

1.2 Electro Galvanized Metal Door Frame

DOOR FRAME PROFILE

Single Rebated

Double Rebated

DOOR LIPPING

Metal Capping

MEETING STILE

Metal Meeting Stile (For Double Leaves)

STRUCTURE & HARDWARE

Lever Handle

Cylinder Lock

Mortise Lock Case

Hinges

Aluminium Lace

Wire Glass

Door Closer

Concealed Door Closer

Digital Lock

Half Dome Door Stopper

Door Viewer

Door Coordinator
(Double Leaves Only)

Auto Flush Bolt
(Double Leaves Only)

Rebated Part
(Double Leaves Only)

SUPERWOOD'S fire rated door is characterized by its quality material, providing structural reinforcement for greater functional reliability, meanwhile raising the installation efficiency of the fire resistant door.

FEATURE

Fire Resistant

High Temperature

Long Lasting Colour

SUPERWOOD INDUSTRIES SDN BHD
YOUR TRUSTED FIRE RATED DOOR

PLATICO™

FIRE RESISTANT DOORSET SYSTEM

APPROVED BY

SIRIM

PLATICO™

1 HOUR RATING

PLATICO 1-hour fire resistant doorset system is constructed from solid core design, fabricated from high performance MGO board complete with both sides plywood finish and edged with timber lipping. Overall thickness is min 50mm.
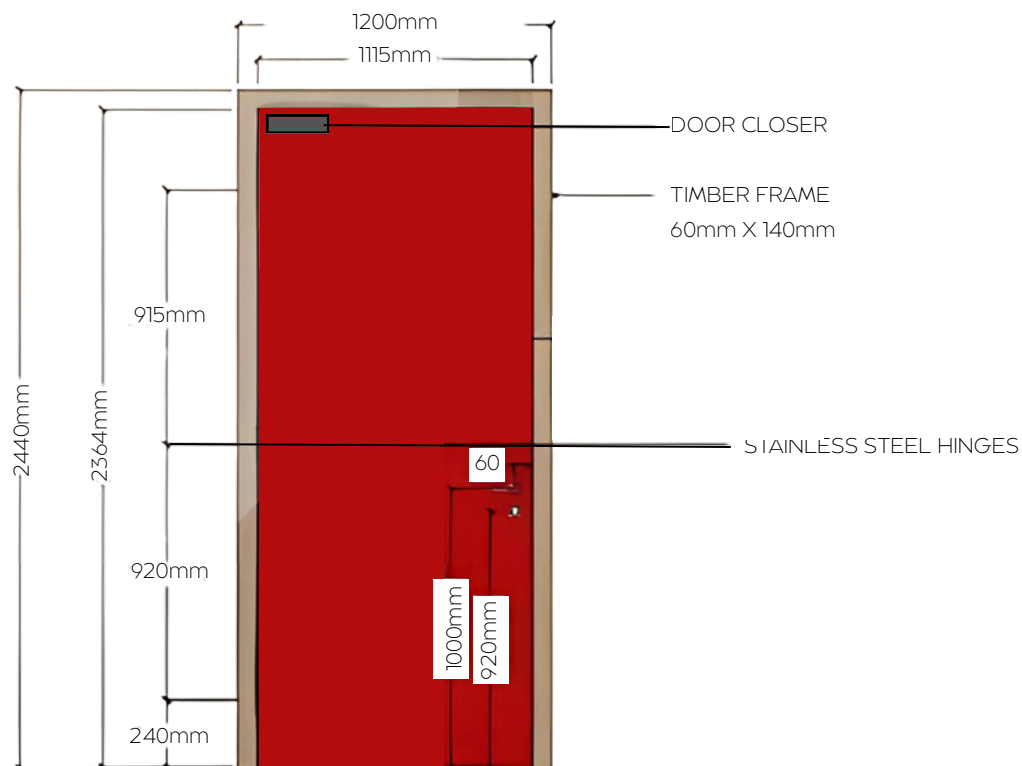
The fire rated timber frame to finish size ± 35mm X 140mm complete with fire seal.

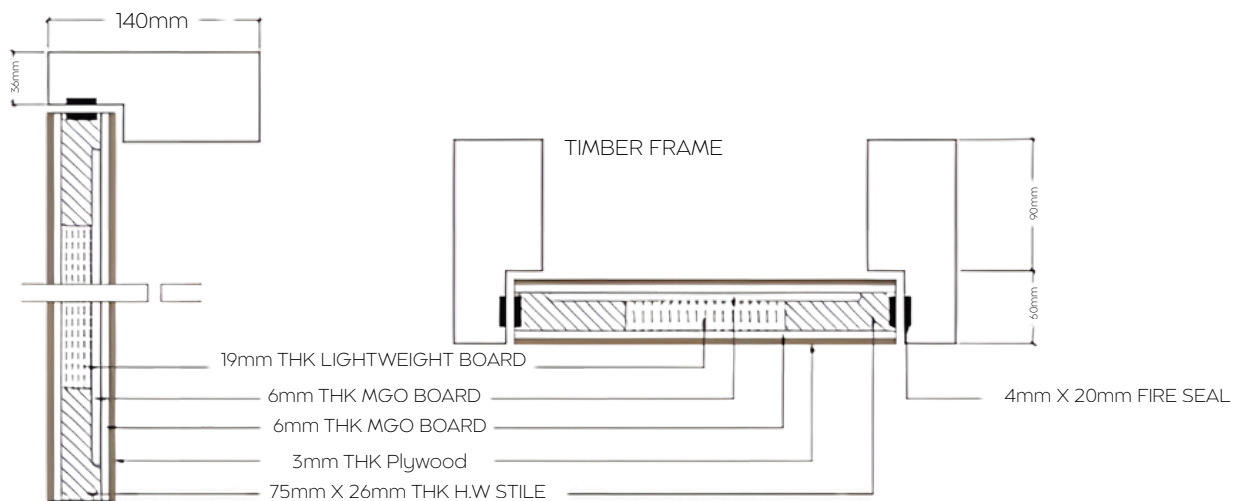PLATICO is tested and approved to the current Malaysian Standard of MS 1073, Part 3: 1996

PLATICO offers durable, integrity and insulation features with total commitment for the contemporary construction section.

DETAILS OF DOORSET - 1 HOUR RATING

1200mm
1115mm

DOOR CLOSER

TIMBER FRAME
60mm X 140mm

2440mm
2364mm

915mm

STAINLESS STEEL HINGES

60

920mm

1000mm
920mm

240mm

DOOR FRAME SIZE - SINGLE LEAF

140mm

36mm

19mm THK LIGHTWEIGHT BOARD
6mm THK MGO BOARD
6mm THK MGO BOARD
3mm THK Plywood
75mm X 26mm THK H.W STILE
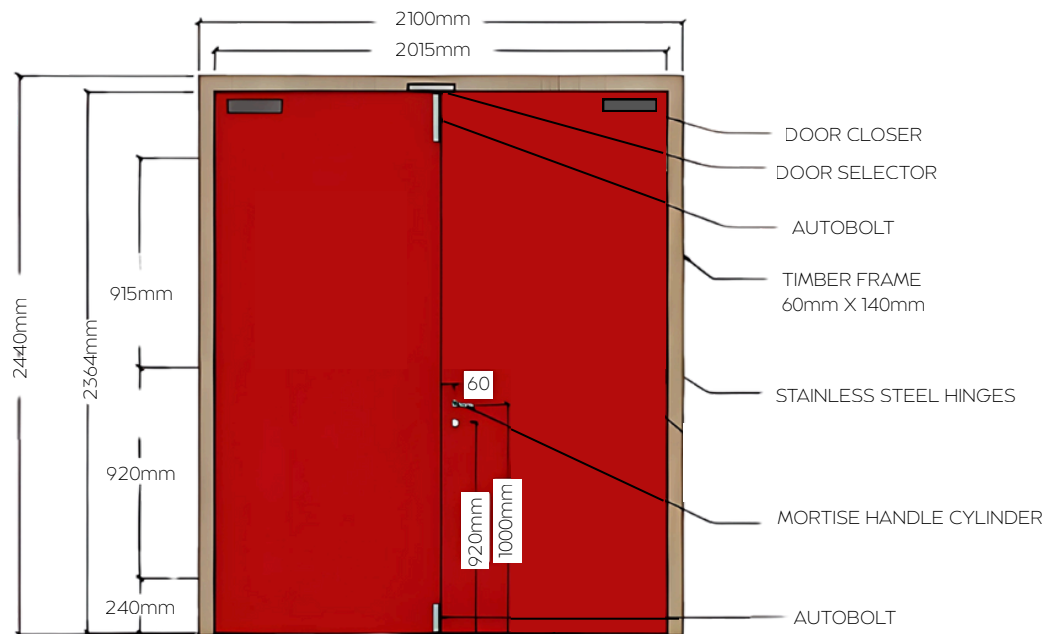
TIMBER FRAME

90mm

5.0mm

4mm X 20mm FIRE SEAL

VERTICAL SECTION

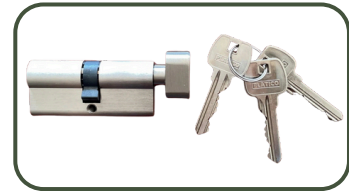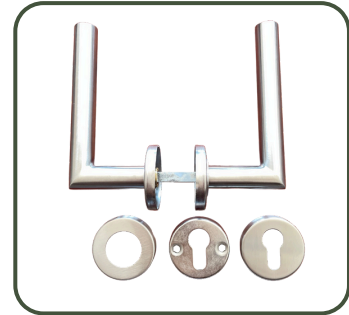## HORIZONTAL SECTION

DETAILS OF DOORSET - 1 HOUR RATING

2100mm

2015mm

2440mm

2364mm

915mm

920mm

240mm

60

920mm

1000mm

DOOR CLOSER

DOOR SELECTOR

AUTOBOLT

TIMBER FRAME
60mm X 140mm

STAINLESS STEEL HINGES

MORTISE HANDLE CYLINDER

AUTOBOLT

DOOR FRAME SIZE - DOUBLE LEAF

140mm

36mm

TIMBER FRAME

4mm X 12mm FIRE SEAL

4mm X 20mm FIRE SEAL

90mm

60mm

300mm X 75mm X 1.0mm THK
Door Closer
Reinforcement

3mm THK PLYWOOD

18mm THK MGO BOARD

12mm THK WOOD

STAINLESS STEEL HINGES
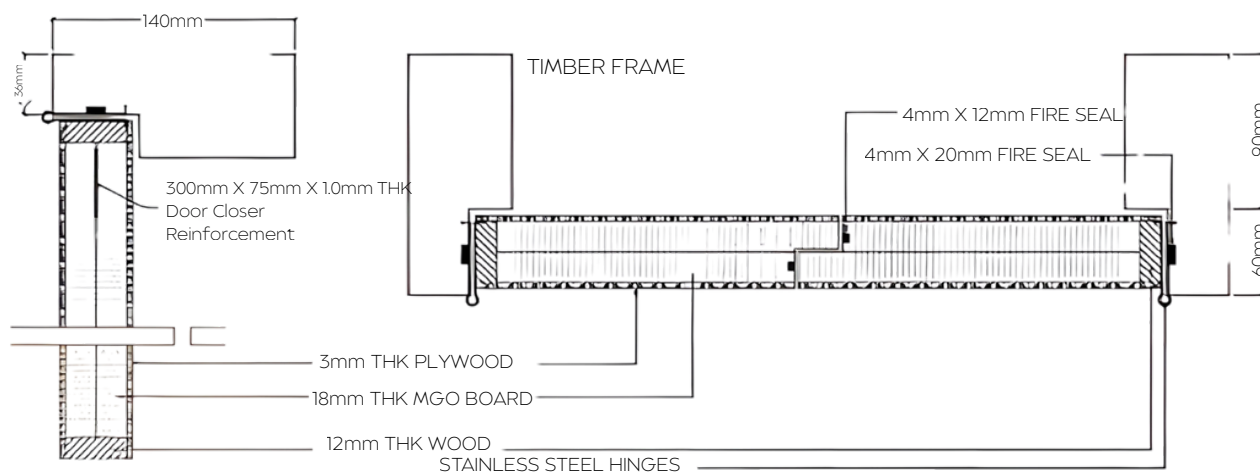
VERTICAL SECTION

HORIZONTAL SECTION
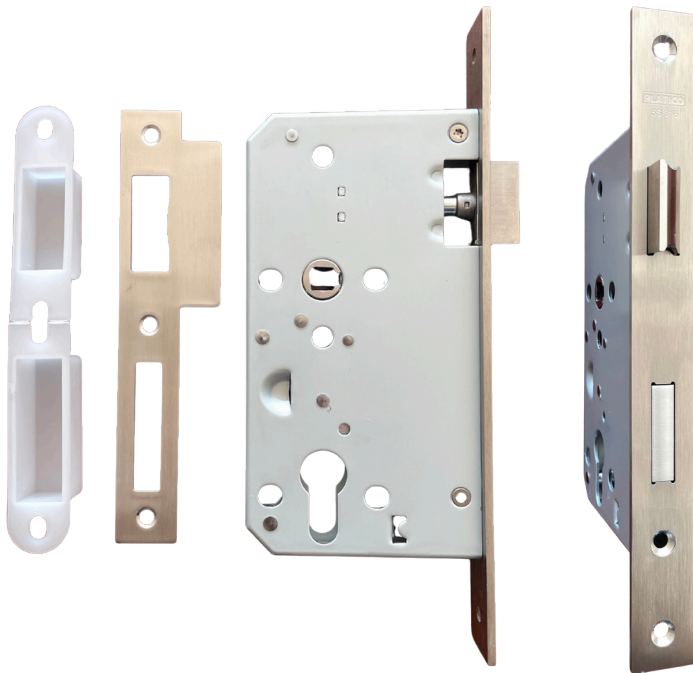
PRODUCT INCLUDED :

PLATICO

MORTISE LOCK

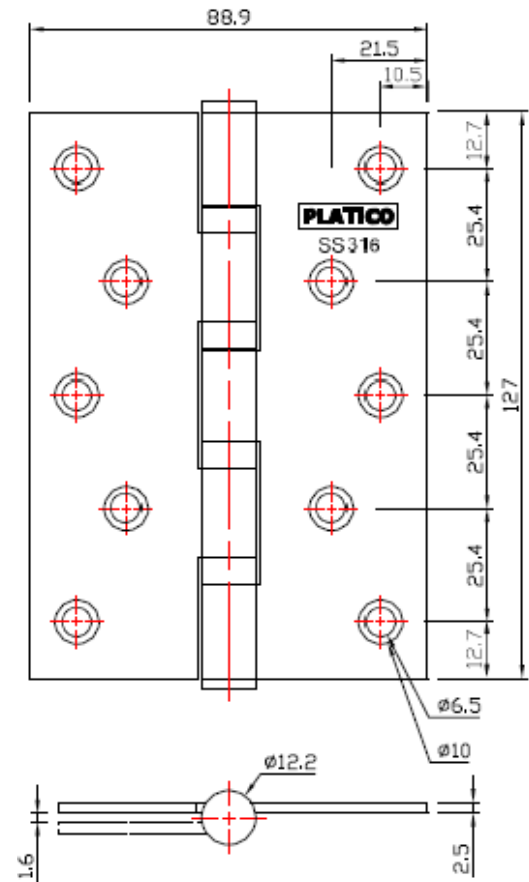| Item Description	Platico SS316 Hollow Level Handle (DIA19X140X60MM) with SS316 Sash Lock and Thumbturn Cylinder with key
Material	SS316 Stainless Solid, Solid Brass
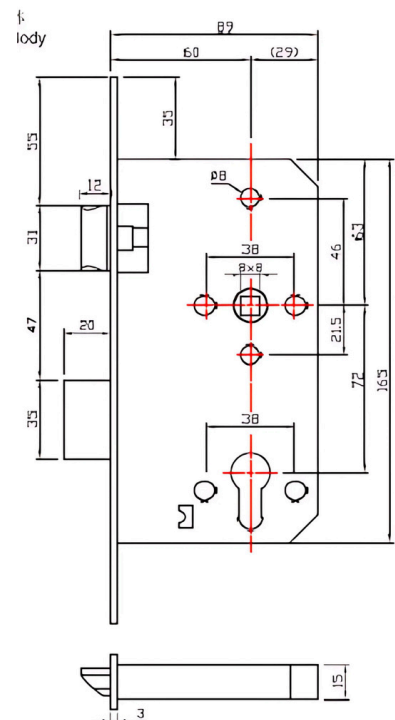
PLATICO

DOOR HINGES

Item Description	Platico (127MM X 89MM X 2.5MM) 4BB SS316 HINGE
Material	SS316 Stainless Solid
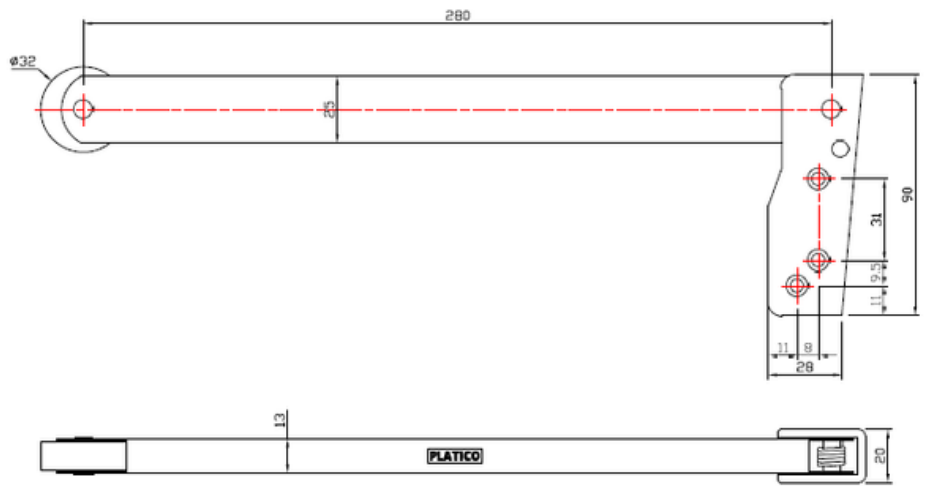
PLATICO

DOOR COORDINATOR

Item Description	Platico Door Coordinator SS304 (280MM X 90MM)
Material	SS304 Stainless Steel
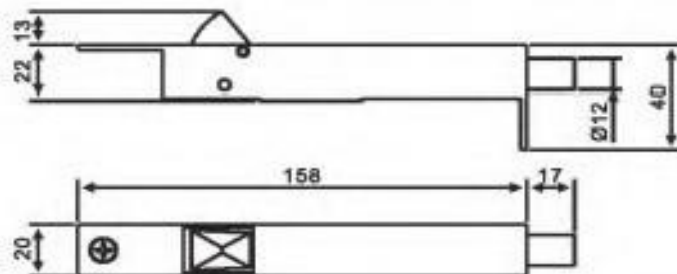
PLATICO

AUTO FLUSH BOLT

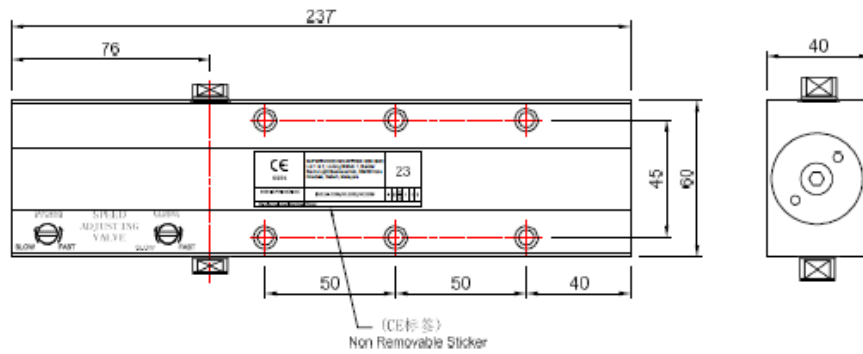| Item Description	Platico Automatic Flush Bolt SUS304 (158MM X 202MM X 22MM)
Material	SS304 Stainless Steel

PLATICO

DOOR CLOSER

Item Description	Platico UL Door Closer EN4 - EN6
Material	Aluminium Alloy Body
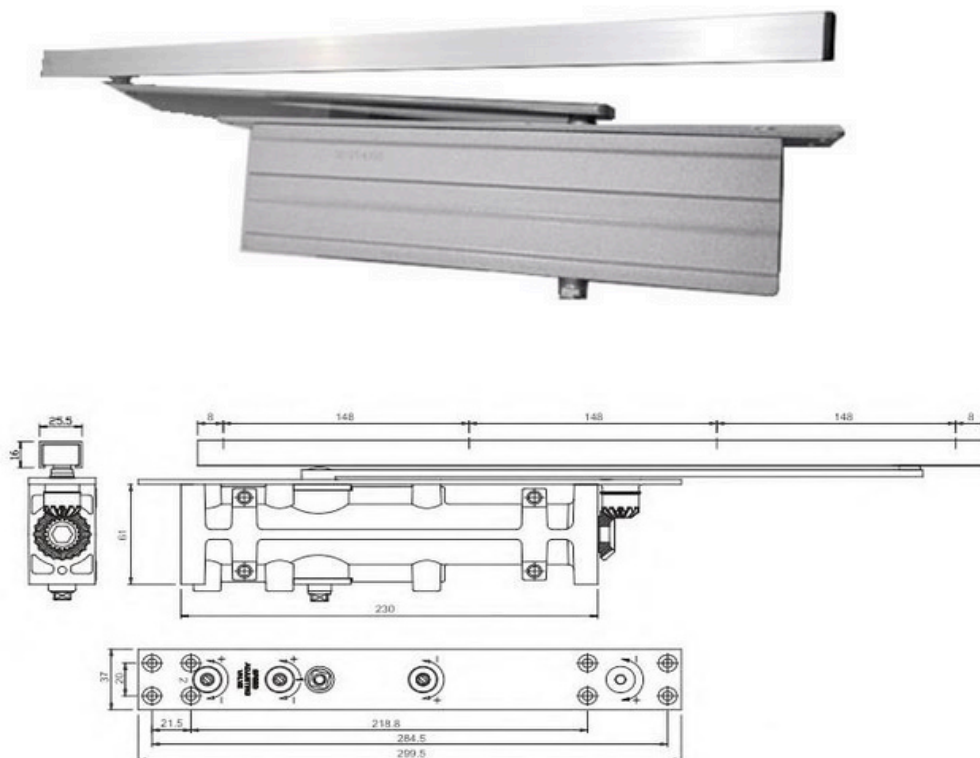
PLATICO

CONCEALED DOOR CLOSER

Item Description	Platico UL Fire Rated Concealed Door Closer
Handling	Non Handed ; Reversible
Closing Force	Available in sizes 2-4, adjustable spring
Material	Die Casting Aluminium Body ; Silver
Back Check	Standard

APPROVED BY

BOMBA   SIRIM

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SUPERWOOD INDUSTRIES SDN BHD
YOUR TRUSTED FIRE RATED DOOR

GayaDor

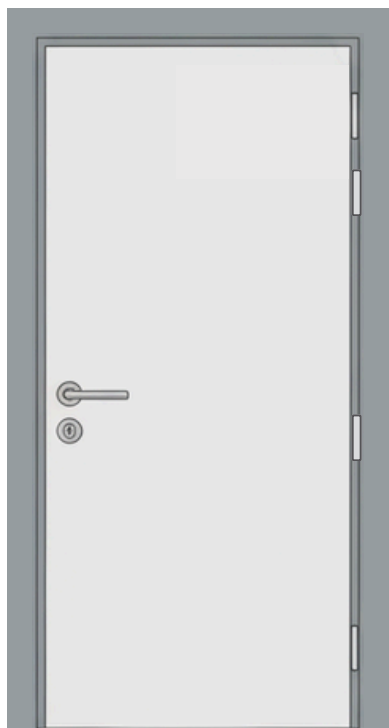## FIRE RESISTANT DOORSET SYSTEM

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DETAILS OF DOORSET - 2 HOUR RATING

DOOR FRAME SIZE - SINGLE LEAF
(maximum size 1200mm X 2400mm)
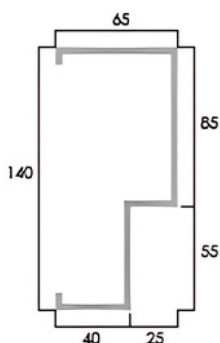
DOOR FRAME SIZE - DOUBLE LEAF
(maximum size 2400mm X 2400mm)

CROSS SECTION OF DOOR LEAF

Metal Capping — 4mm MGO Board
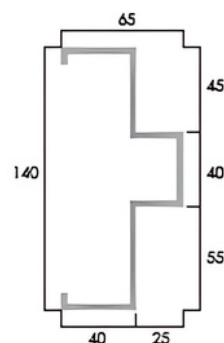
38mm thick fire proof board

Steel Astragal

Thickness of Door Leaf ± 48mm

DETAILS OF DOOR METAL FRAME

Single Rebate

Double Rebate

2 HOUR RATING

GAYADOR 2-hour fire resistant doorset system is constructed from solid core design, fabricated from high performance fire resistant board and edged with metal capping. Overall thickness is 48mm.

The fire rated door frame is 65mm x 140mm x 1.5mm EG (T)

GAYADOR is tested and approved to the current Malaysian Standard of MS 1073, Part 3: 1996.

GAYADOR offers stale, integrity and insulation features with total commitment for the contemporary construction sector.

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GD1100

MORTISE ENTRANCE LOCK

PRODUCT INCLUDED :

DESCRIPTION :

- With latch bolt and square bolt
- Latch bolt is operated by both lever and cylinder
- Square bolt is operated by cylinder
- Internal lever can retract both latch bolt and square bolt for emergency escape.

SPECIFICATION :

Finishing	Stainless Steel
Backset	**A** 60 mm **B** 85 mm
Dimension	**A** 60 mm **B** 85 mm **C** 240 mm **D** 87 mm
Standard	EN 12209 : 2003
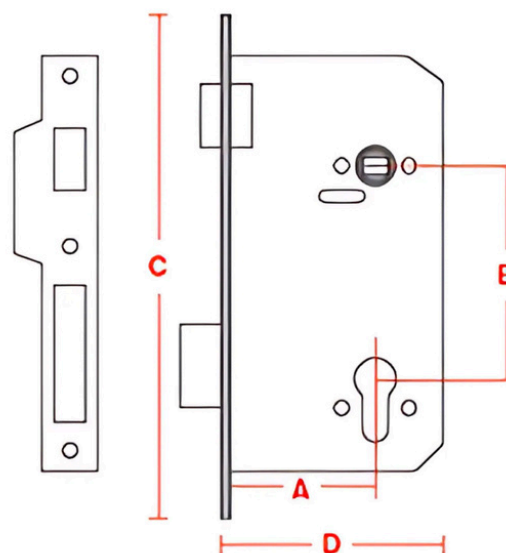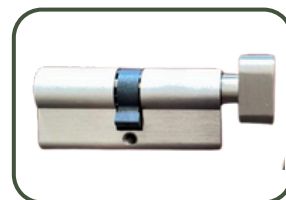
GayaDor
APPROVED BY

BOMBA **SIRIM**

GD4100

AUTO FLUSH BOLT

SPECIFICATION :

Material	Stainless Steel SUS304
Finishing	Stainless Steel
Dimension	**A** 15 mm **B** 31 mm **C** 159 mm **D** 16.5 mm **E** 2 mm **F** 41 mm **G** O18 mm
Standard	EN 12051
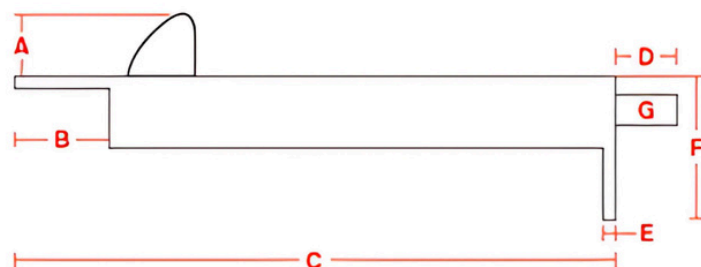
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5023 BW

DOOR CLOSER
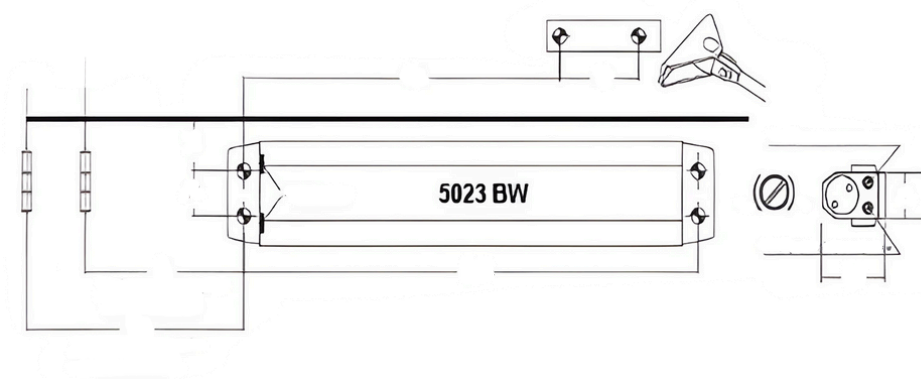
SPECIFICATION :

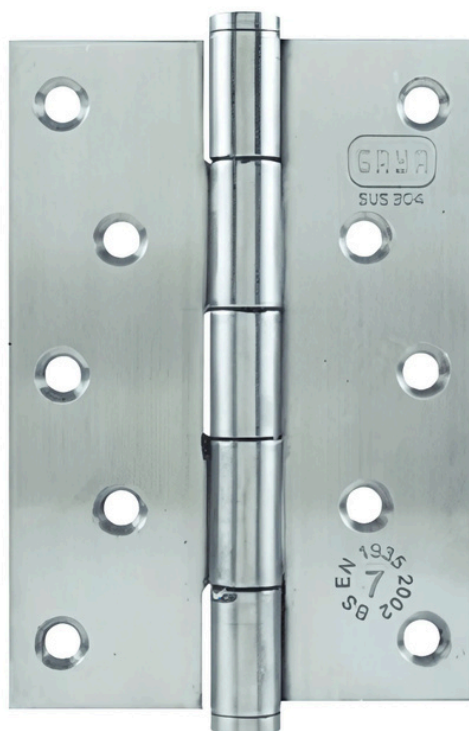| Material		Aluminium
Backheck Function		Yes
Max. Open Angle		180°
Spring Strength Adjustable		
Closing Speed Adjustment	Speed 1	180° - 15°
	Speed 2	15° - 0°
Applicable Temperature		30 - 40
Dimension of Main Body (mm)		L180 X W44.5 X H67
Standard		EN 1154 : 1997

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GAYA SUS 304

DOOR HINGE

SPECIFICATION :

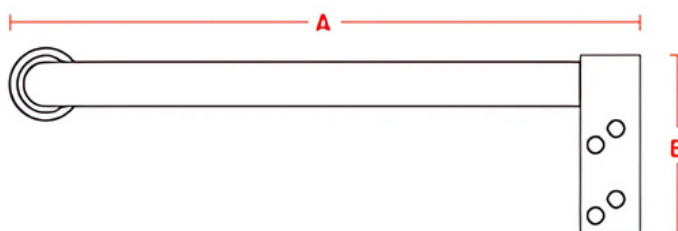| Material	Stainless Steel SUS304
Finishing	Stainless Steel
Size	5"
Thick	2.5 mm
Dimension	**A** 125 mm **B** 91 mm
Standard	EN 1935 : 2002
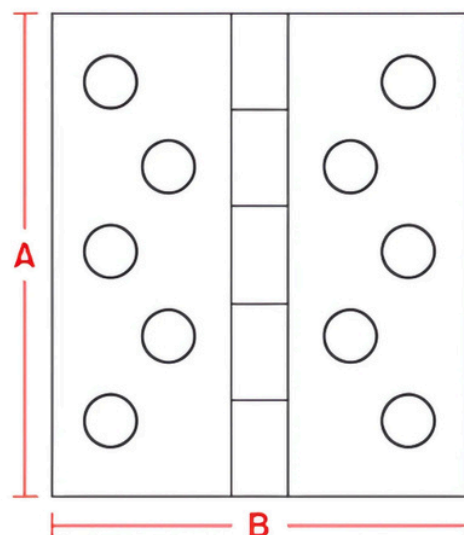
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GD2100

DOOR COORDINATOR

SPECIFICATION :

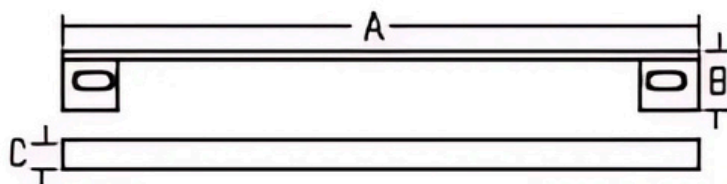| Material	Stainless Steel SUS304
Finishing	Stainless Steel
Dimension	**A** 278 mm **B** 88 mm
Standard	EN 1158 : 1997

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LOCK CASE REBATED KIT

SPECIFICATION :

Material	Stainless Steel SUS304
Finishing	Stainless Steel

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+60 88 495 000   superwoodsales@gmail.com   superwood.com.my