

framing your view



framing your view






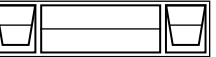



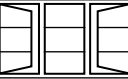
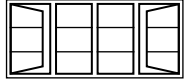

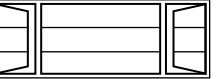


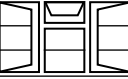

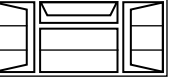
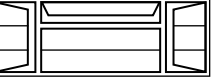


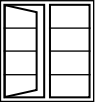
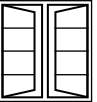
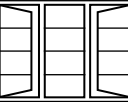
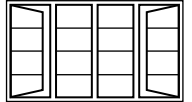
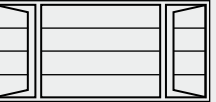



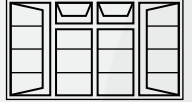
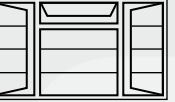
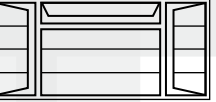

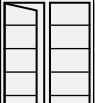
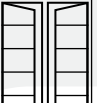
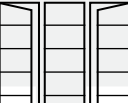


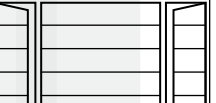


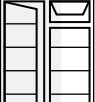



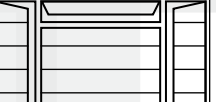
CATALOGUE steel

doors, windows & door frames

FULL PANE WINDOWS

359	533 NG1	1022 NG2	1022 NG7	1511 NG4	2000 NG22	2000 NG11	2489 NG12	
654	NE1	NE2	NE7	NE4	NE22	NE11	NE12	
949	NC1	NC2	NC7	NC4	NC22	NC11	NC12	
949	NCSF	NC2F	NC4F	NC22F	NC11F	NC12F		
305	533 ND1	1022 ND2	1022 ND7	1511 ND4	2000 ND22	2000 ND11	2489 ND12	
1245	ND56							
1245	ND6F	ND5F	ND2F	ND4F	ND22F	ND11F	ND12F	
1540	ND556	ND51	ND52	ND57	ND54	ND522	ND511	ND512
1540	ND56F	ND55F	ND52F	ND54F	ND522F	ND511F	ND512F	

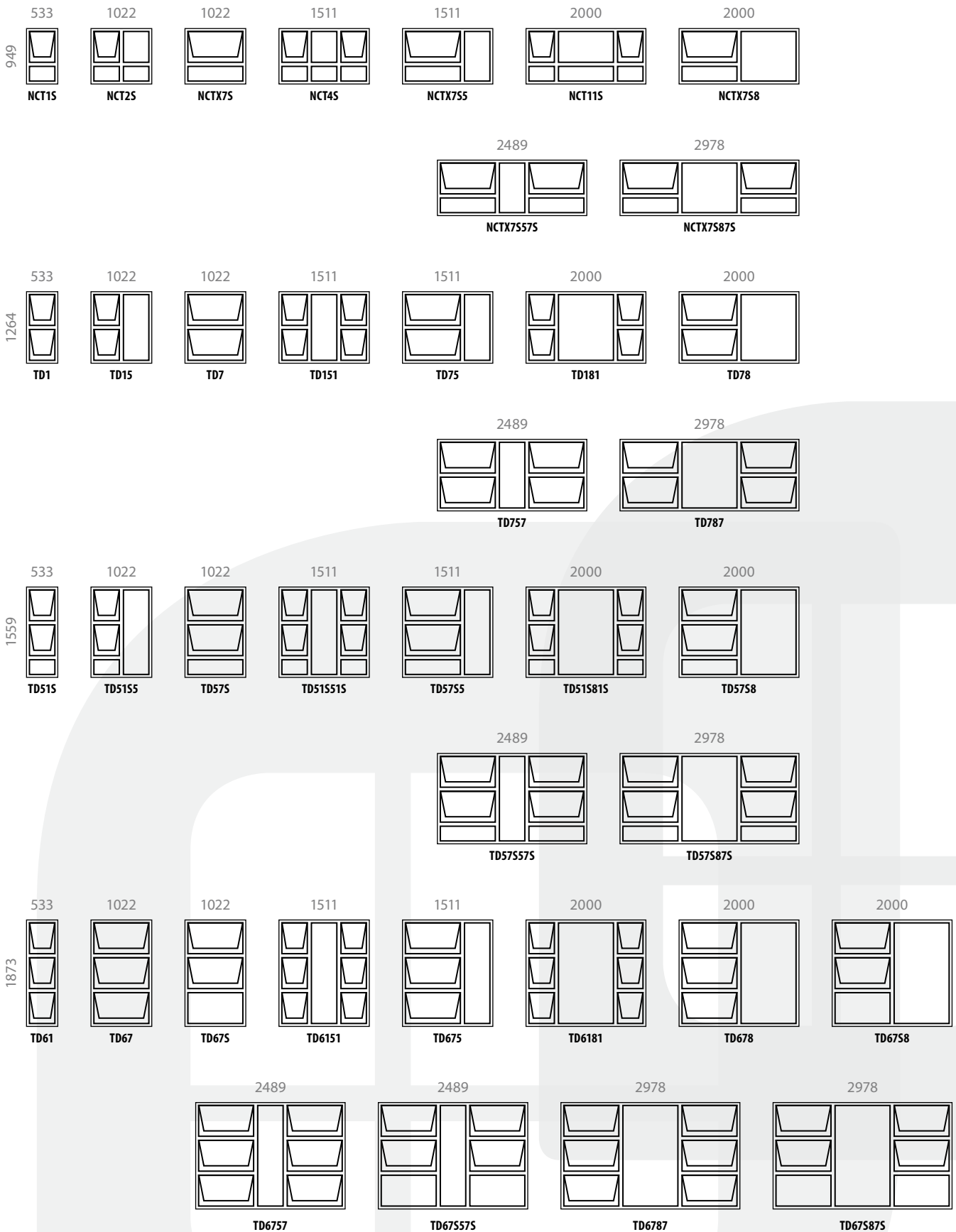
H-TYPE WINDOWS

654	533  E1H	1022  E2H	1022  E7H	1511  E4H	2000  E22H	2000  E11H	2489  E12H	
949	 C1H	 C2H	 C7H	 C4H	 C22H	 C11H	 C12H	
949	 C5FH	 C2FH	 C4FH	 C22FH	 C11FH	 C12FH		
1245	305  D56H	533  D1H	1022  D2H	1022  D7H	1511  D4H	2000  D22H	2000  D11H	2489  D12H
1245	 D6FH	 D5FH	 D2FH	 D4FH	 D22FH	 D11FH	 D12FH	
1540	 D55H	 D51H	 D52H	 D57H	 D54H	 D522H	 D511H	 D512H
1540	 D56FH	 D55FH	 D52FH	 D54FH	 D522FH	 D511FH	 D512FH	

COTTAGE PANE WINDOWS

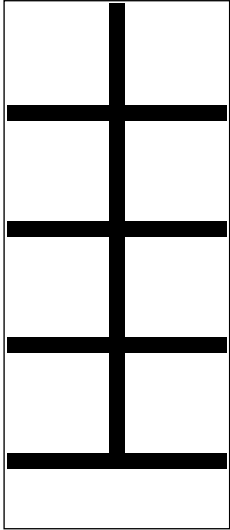
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654	E1	E2	E7	E4	E22	E12	
949	C1	C2	C7	C4	C22	C12	
949	C5F	C2F	C4F	C22F	C12F		
1245	305 D56	533 D1	1022 D2	1022 D7	1511 D4	2000 D22	2489 D12
1245	D6F	D5F	D2F	D4F	D22F	D12F	
1540	D556	D51	D52	D57	D54	D522	D512
1540	D56F	D55F	D52F	D54F	D522F	D512F	

TD AWNING-TYPE



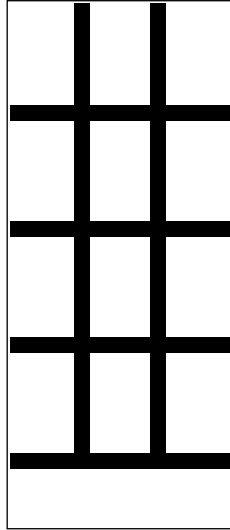
BURGLAR BARS

B1



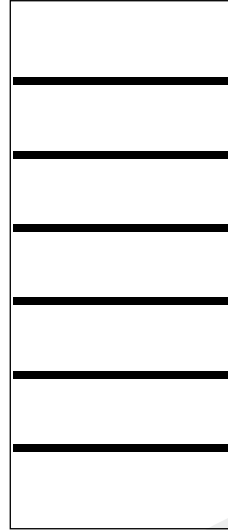
Flat bars
20mm x 5mm

B2



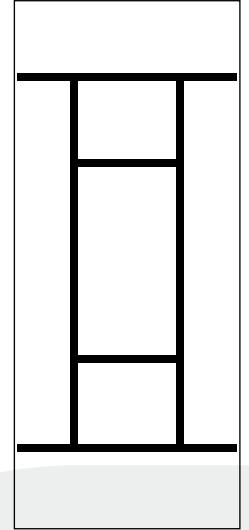
Flat bars
20mm x 5mm

Horizontal

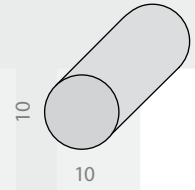
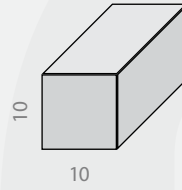
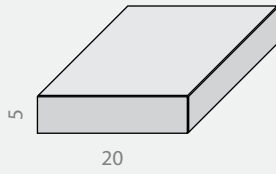
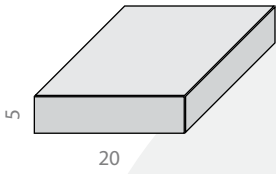


Square bars
10mm

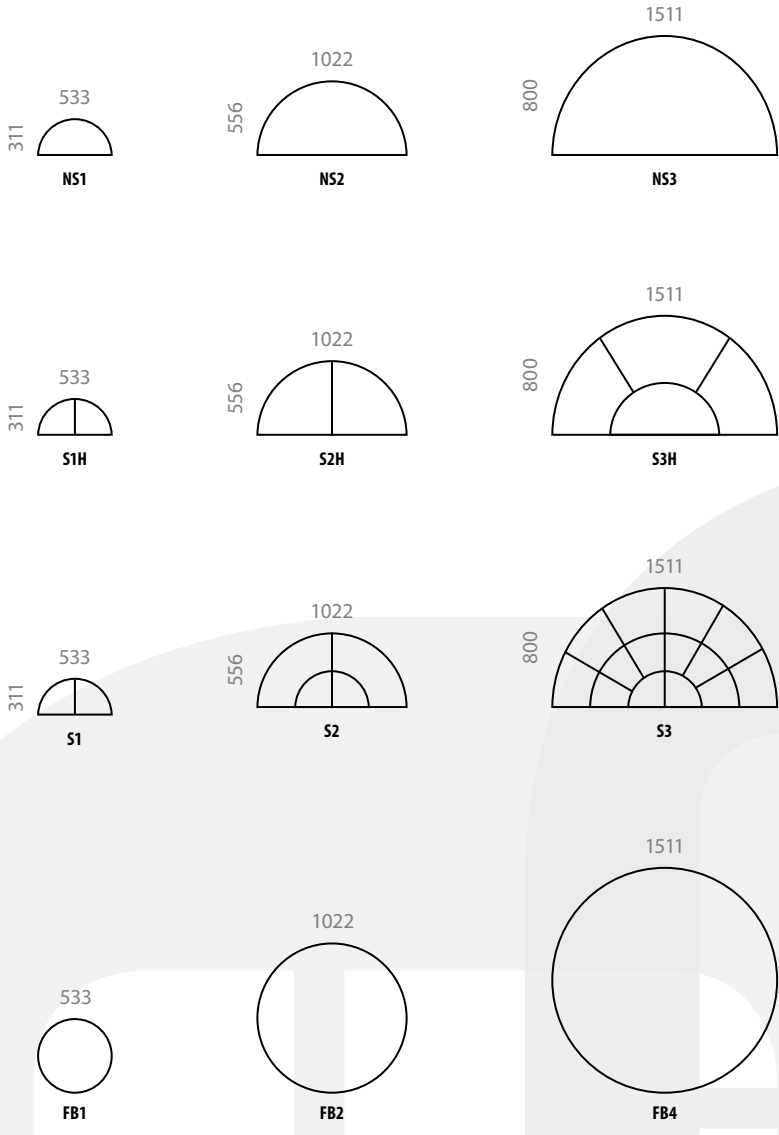
B33



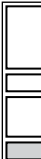
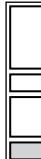
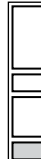







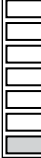
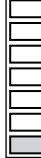























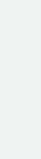






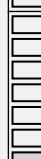


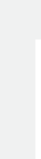









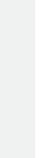




Round bars
10mm



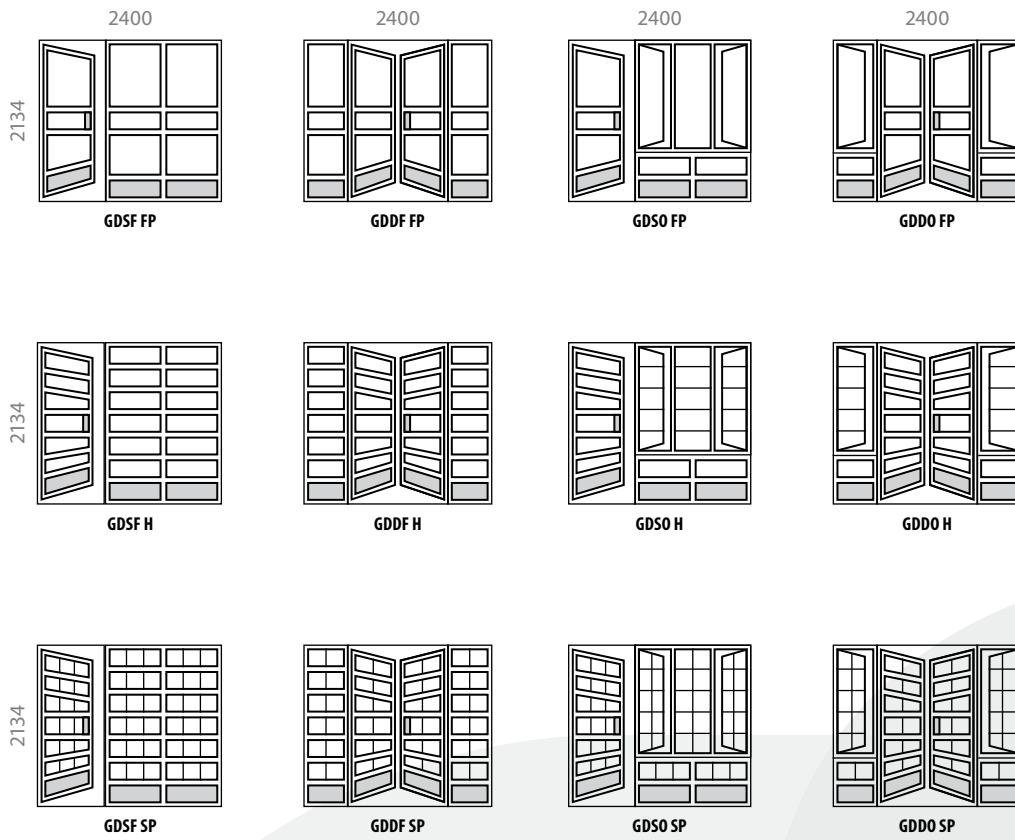
SEMI HEADS



FRENCH DOORS

533	610	800	800	1022	1022	1181	1181	1511	1524
									
2134									
NSADA	NSDA	NSDAS	NDAS	NDSADA	NADA	NSDA	NDA	NSDDA	NDDA
									
2134									
SADAH	SDAH	SDASH	DASH	DSADAH	ADAH	DSDAH	DAH	DSDDAH	DDAH
									
2134									
SADA	SDA	SDAS	DAS	DSADA	ADA	DSDA	DA	DSDDA	DDA
									
2449									
NSADF1	NSDAF1	NSDAF1	NSDASF1	NDAF1 NDAS	NDAF1 NADA	NDAF1 NDA	NDAF1 NDA	NDSDDAF1	NDDAF1 NDDA
									
2449									
SADAHF1	SDAHF1	SDASHF1	DASHF1 DASH	DSADAHF1	ADAHF1 ADAH	DSDAHF1	DAHf1 DAH	DSDDAHF1	DDAHF1 DDAH
									
2449									
SADAF1	SDAF1	SDASF1	DASF1 DAS	DSADAF1	ADAF1 ADA	DSDAF1	DAF1 DA	DSDDAF1	DDAF1 DDA

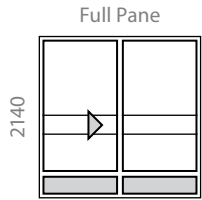
FRENCH DOORS WITH SIDELIGHT COMBINATIONS



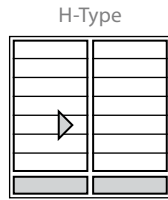
- Suitable to enclose garage door openings
- Can be ordered in custom sizes

SLIDING DOORS

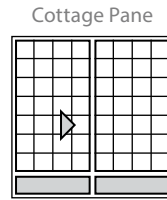
SINGLE SLIDING DOORS



WIDTH	CODE
1800	SSD1800FP
2100	SSD2100FP
2400	SSD2400FP
3000	SSD3000FP



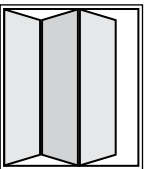
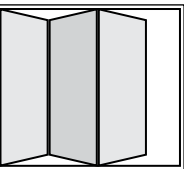
WIDTH	CODE
1800	SSD1800H
2100	SSD2100H
2400	SSD2400H
3000	SSD3000H



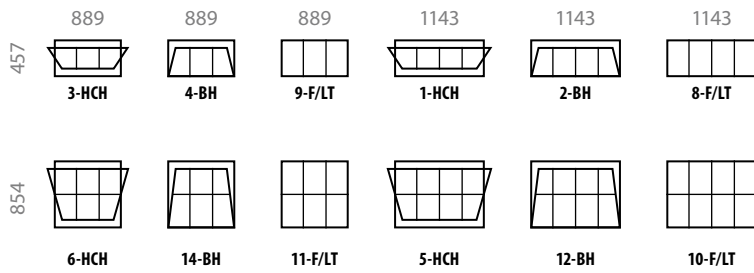
WIDTH	CODE
1800	SSD1800SP
2100	SSD2100SP
2400	SSD2400SP
3000	SSD3000SP



SLIDING FOLDING DOORS

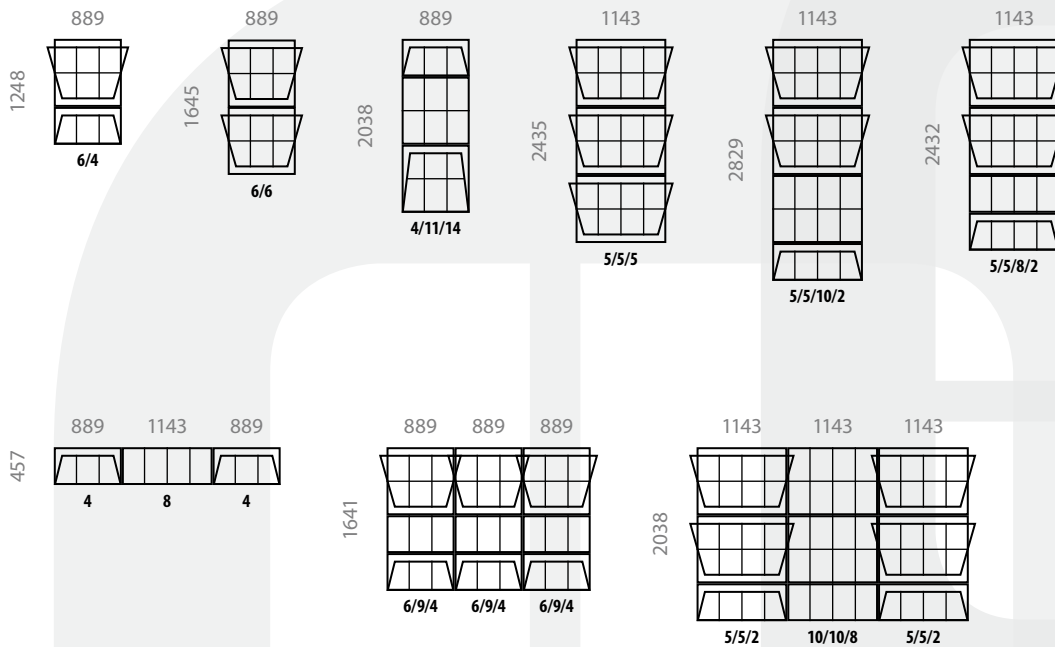
		Full Pane	H-Type	Cottage Pane
				
<p>3-PANE</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>1800</p>  </div> <div style="text-align: center;"> <p>2100</p>  </div> <div style="text-align: center;"> <p>2400</p>  </div> </div> <p style="margin-top: 10px;">WIDTH 1800 2100 2400</p>		<p>CODE</p> <p>SFSD1800FP SFSD2100FP SFSD2400FP</p>	<p>CODE</p> <p>SFSD1800H SFSD2100H SFSD2400H</p>	<p>CODE</p> <p>SFSD1800SP SFSD2100SP SFSD2400SP</p>
<p>5-PANE</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>3000</p>  </div> <div style="text-align: center;"> <p>3500</p>  </div> </div> <div style="margin-top: 20px; text-align: center;"> <p>4000</p>  </div> <p style="margin-top: 10px;">WIDTH 3000 3500 4000</p>		<p>CODE</p> <p>SFSD3000FP SFSD3500FP SFSD4000FP</p>	<p>CODE</p> <p>SFSD3000H SFSD3500H SFSD4000H</p>	<p>CODE</p> <p>SFSD3000SP SFSD3500SP SFSD4000SP</p>

SCHOOL-TYPE WINDOWS



Up to seven panes in height, vertical composite school windows are made in one piece construction in units 0,889 m or 1,143 m wide. Above this height coupling transoms are required. Horizontal composites are formed by coupling 0,889 m or 1,143 m wide units together with mullions.

EXAMPLE COMPOSITE TYPES

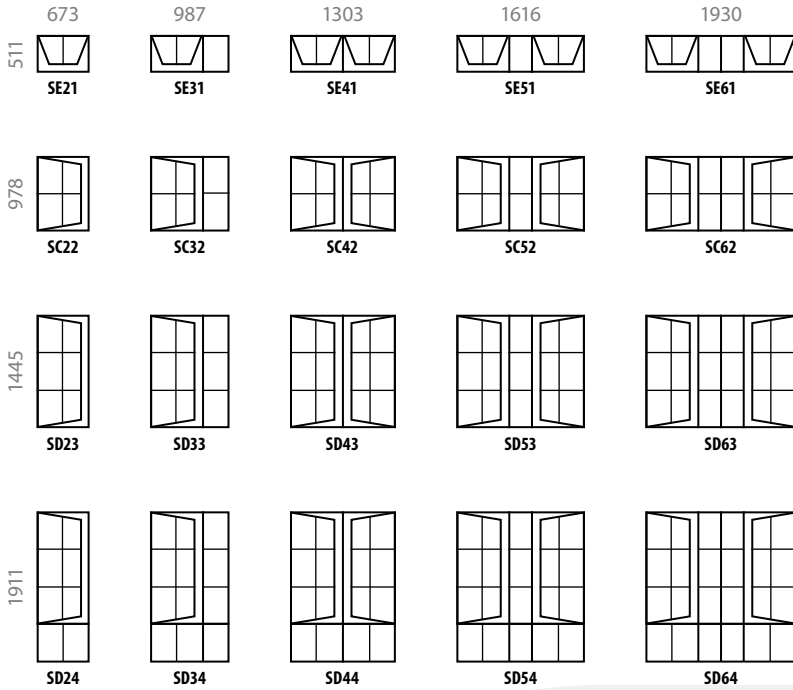


SS INDUSTRIAL - TYPE

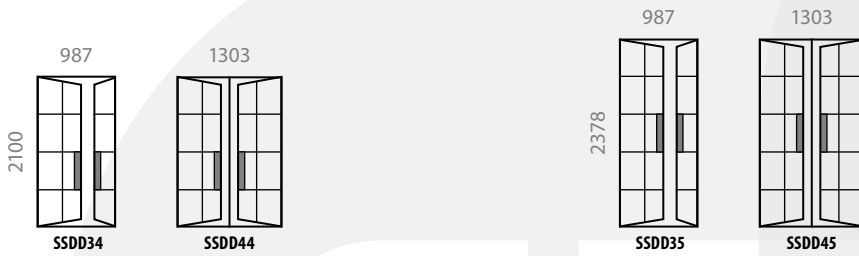
511	359 SSF11	359 SS11	673 SSF21	673 SS21	987 SSF31	987 SS31	1303 SSF41	1303 SS41	1616 SSF51	1616 SS51
978	SSF12	SS12	SSF22	SS22	SSF32	SS32	SSF42	SS42	SSF52	SS52
1445	SSF13	SS13	SSF23	SS23	SSF33	SS33	SSF43	SS43	SSF53	SS53
1911	SSF14	SS14	SSF24	SS24	SSF34	SS34	SSF44	SS44	SSF54	SS54
2378	SSF15	SS15	SSF25	SS25	SSF35	SS35	SSF45	SS45	SSF55	SS55
					2378 SSA35		SSA45		SSA55	
2845	SSF16	SS16	SSF26	SS26	SSF36	SS36	SSF46	SS46	SSF56	SS56
					2845 SSA36		SSA46		SSA56	

INDUSTRIAL PANE RESIDENTIAL WINDOWS & DOORS

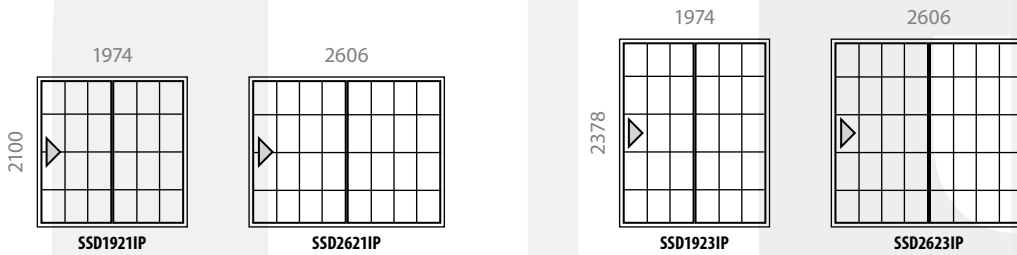
WINDOWS



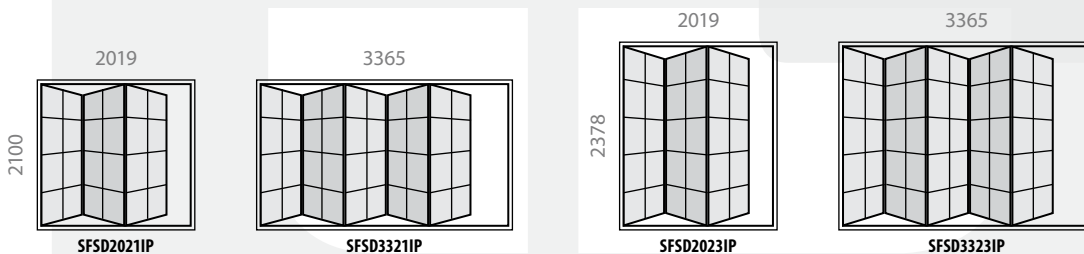
DOUBLE DOORS



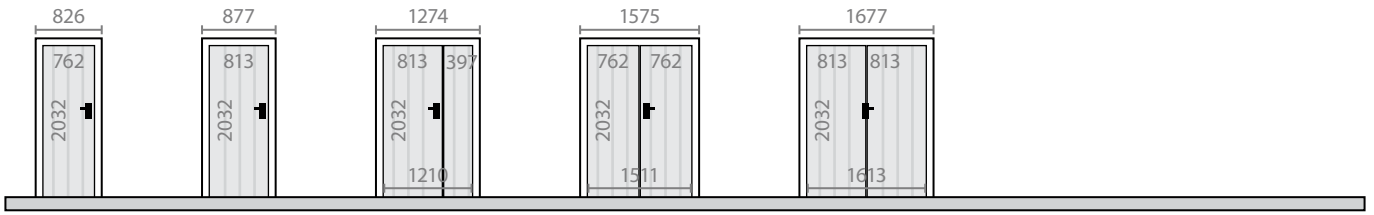
SINGLE SLIDING DOOR



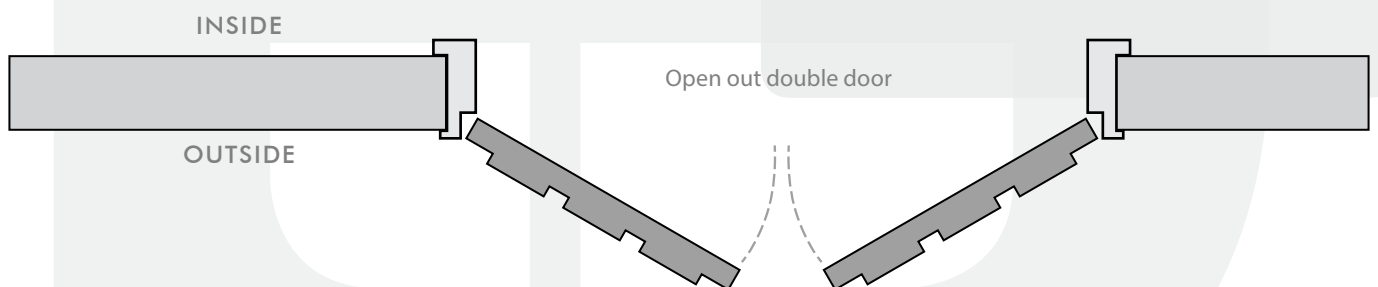
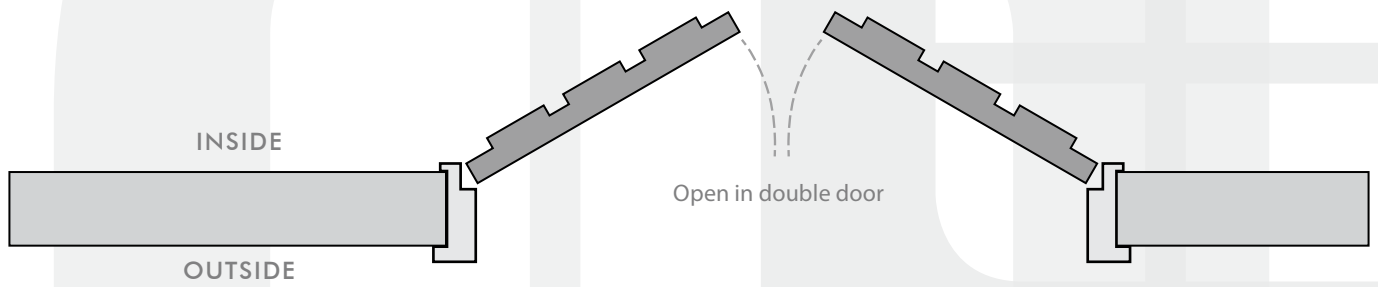
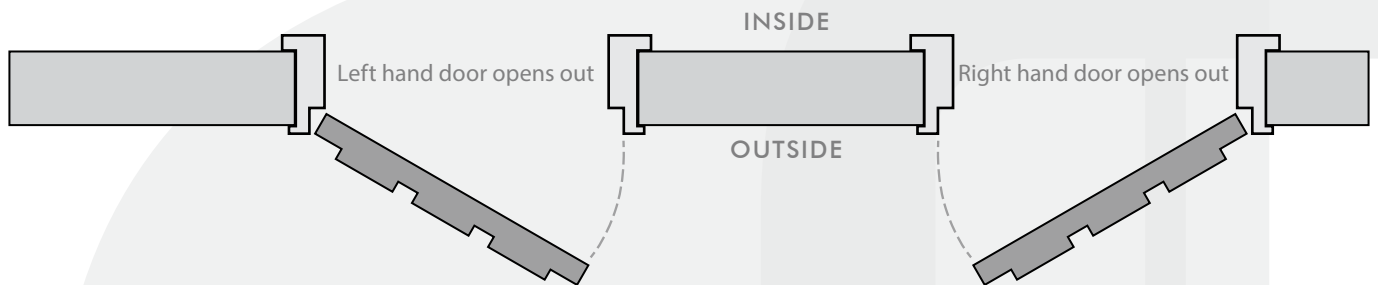
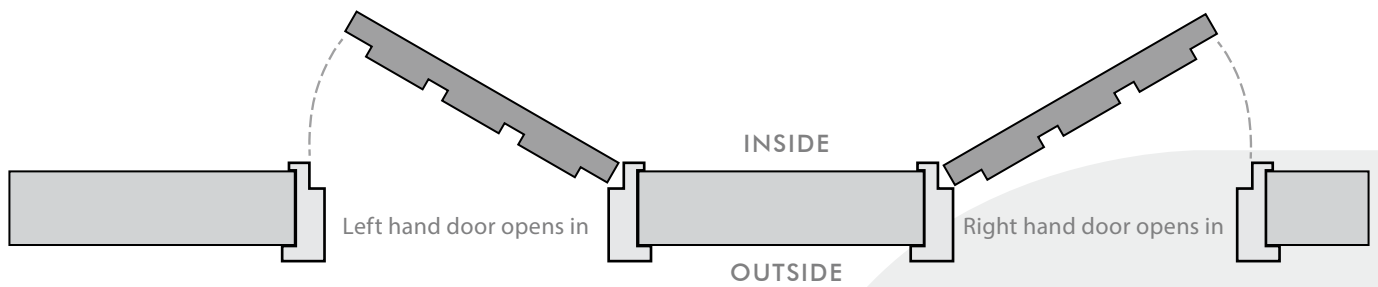
SLIDING FOLDING DOORS



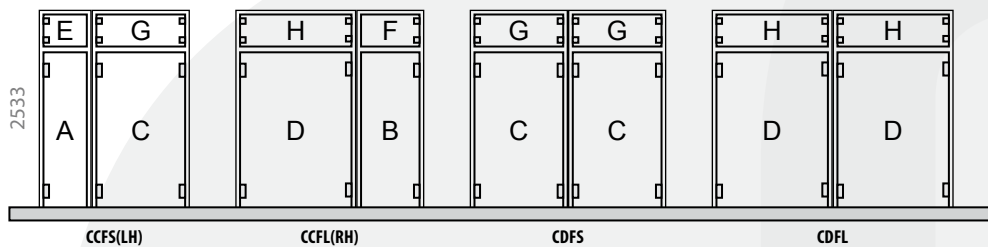
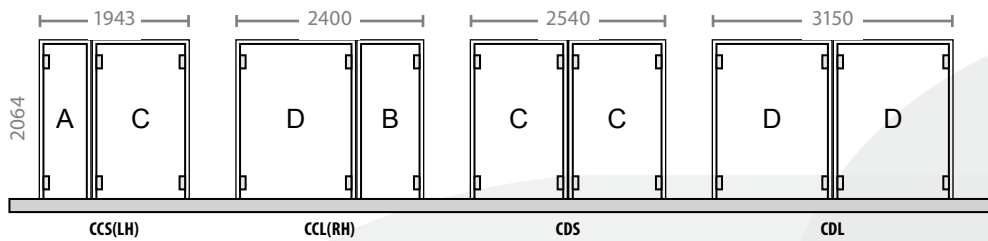
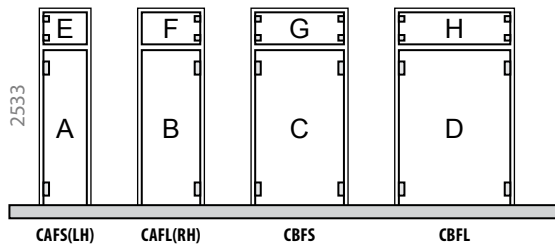
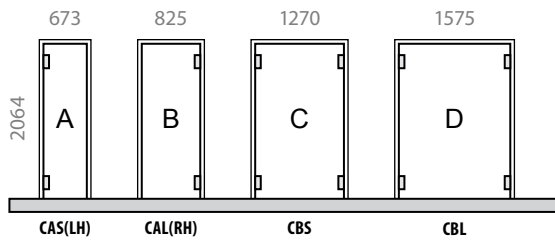
SINGLE PANEL STEEL COMBINATION DOORS & FRAMES



- Combi door supplied with 3-lever lock
- Doors are fluted and manufactured with 5 braces on inside for additional strength



STEEL CUPBOARD FRAMES



Elevations are shown from the rebate side

- (LH) = Left Hand
- (RH) = Right Hand
- Sizes = Height; from finished floor to overall frame
- Width = Overall frame

Widths between rebates, and heights from finished floor to rebate at head are as follows: (millimetres)

	WIDTH		HEIGHT		WIDTH		HEIGHT
A	610 mm	X	2.032 mm	E	610 mm	X	457 mm
B	762 mm	X	2.032 mm	F	762 mm	X	457 mm
C	1 206 mm	X	2.032 mm	G	1 206 mm	X	457 mm
D	1 511 mm	X	2.032 mm	H	1 511 mm	X	457 mm

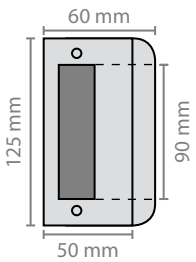
STEEL DOOR FRAME TECHNICAL DETAIL

DOOR FRAME MATERIAL THICKNESS

Our steel door frames are available in the following material thicknesses:

- 0.8 mm medium duty (low cost & residential)
- 1.0 mm heavy duty (residential)
- 1.2 mm SABS spec (commercial & schools)
- 1.6 mm industrial use, fire doors and transformer doors

STRIKER PLATE



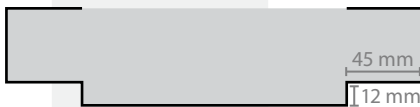
Adjustable pre-galvanised striker plate supplied with all door frames.

FIRE DOOR FRAME



Rebate size: 25 mm x 50 mm
Hinges: 3x **brass** hinges **screwed** on to frame.

STANDARD DOOR FRAME



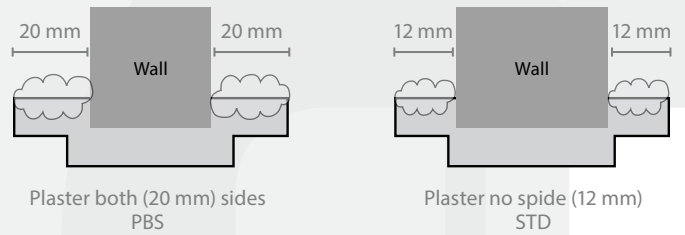
Rebate size: 12 mm x 45 mm
Hinges: 2x 100 **steelbutt** hinges **welded** on to frame.

VERTICAL DETAIL ON FRAMES

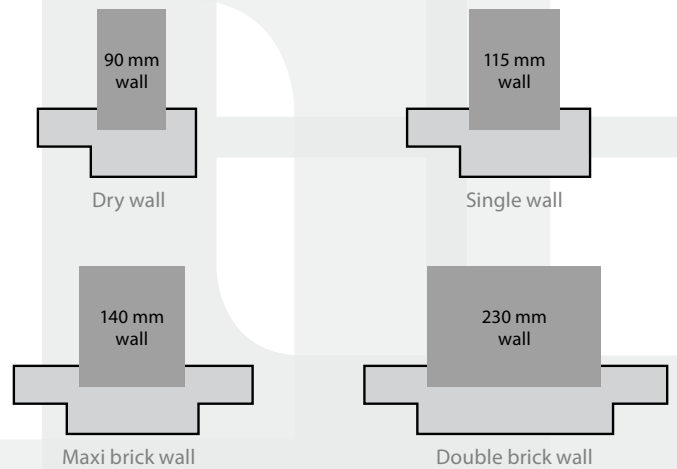
DOOR FRAME REBATES



PLASTER DETAIL



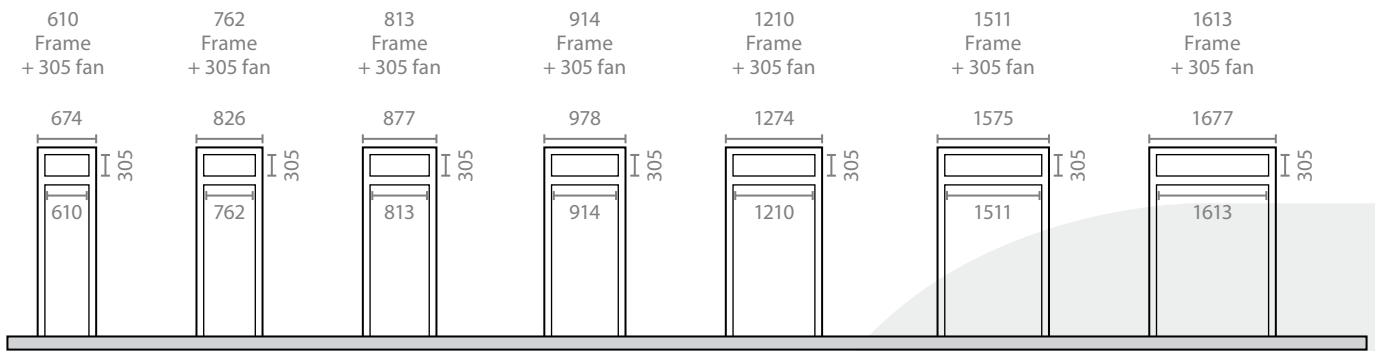
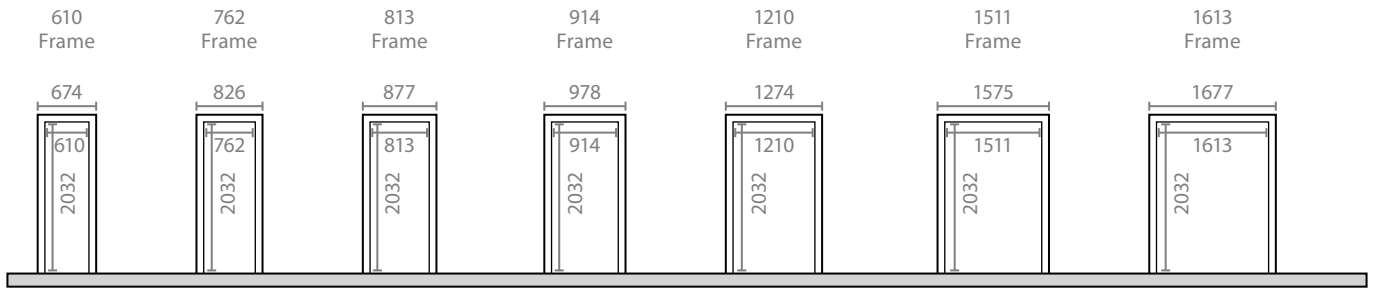
WALL THICKNESS



DOOR FRAME REBATES

Door frame rebates are up to 44 mm nominal door thickness.

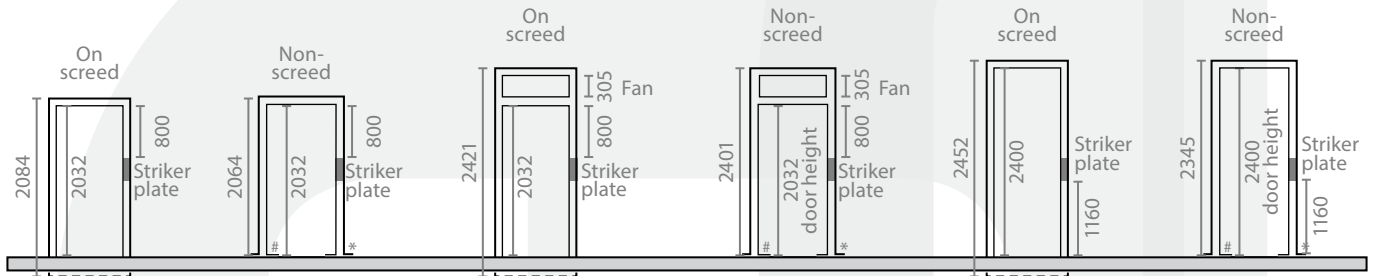
STEEL DOOR FRAMES (SPEC AS FOR ON-SCREED FRAMES)



DOOR FRAME HEIGHTS

For standard door frames 2084 is the outside height.

If the frame is to be built in on top of the screed the height is 2064= non-screed door frame.

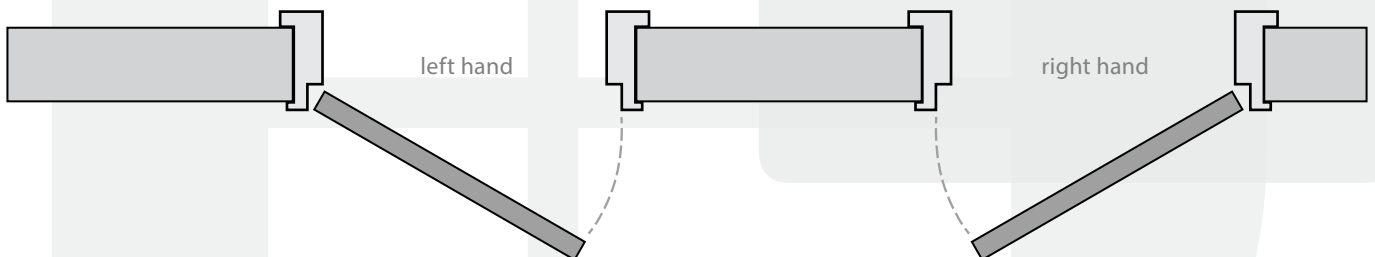


#Fixing lugs turned under brick work

*Removable tie bar

PARAPLEGIC FRAMES

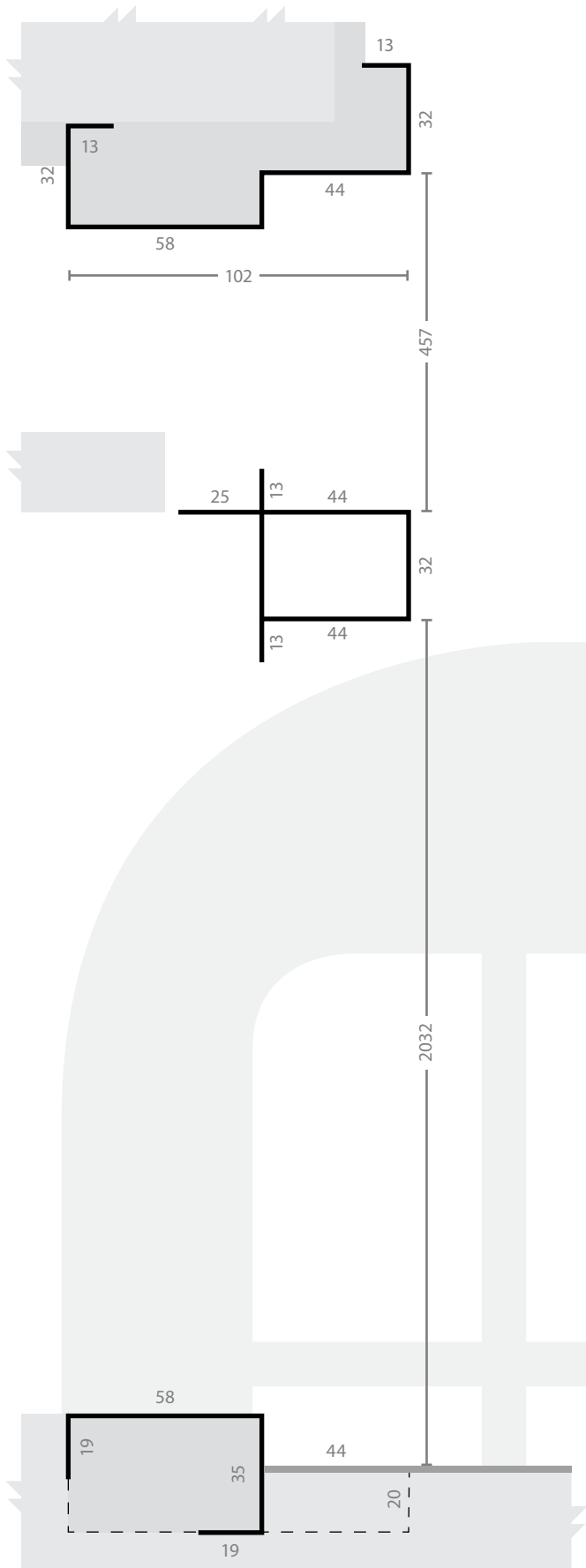
Standard steel door frame size for paraplegic doors are 914 x 2032.



DETERMINING THE "HAND" OF A DOOR FRAME

Always stand in front of the frame with the door opening **towards** you. The side of the hinge determines the hand.

STEEL CUPBOARD FRAMES - STANDARD PROFILES



SPECIFICATIONS

MATERIAL

1.2 mm thick mild steel sheet.

GIRTH

Head and jambs 205 mm

Transom 242 mm

Sill 131 mm

CONSTRUCTION

Corners welded, transom and sill butting between jambs and welded inside.

SILL

Semi box section providing a dust resisting rebate and allowing cupboard doors to line with adjacent communicating doors.

FITTINGS

102 mm loose pin steel hinges to lower and 75 mm to upper doors all welded in. Lock jambs slotted for cupboard rim locks. Head, transom and sill of double doors drilled for barrel bolts. Two rubber buffers on height for each door and on head, transom and sill for double doors.

FIXING

4 lugs spot welded to each jamb.

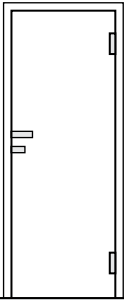
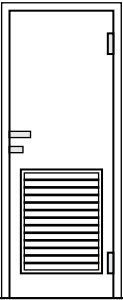
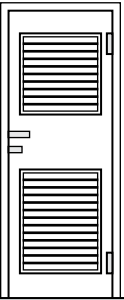

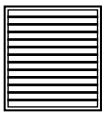
FINISH

Dipped 1 coat red oxide primer before despatch.

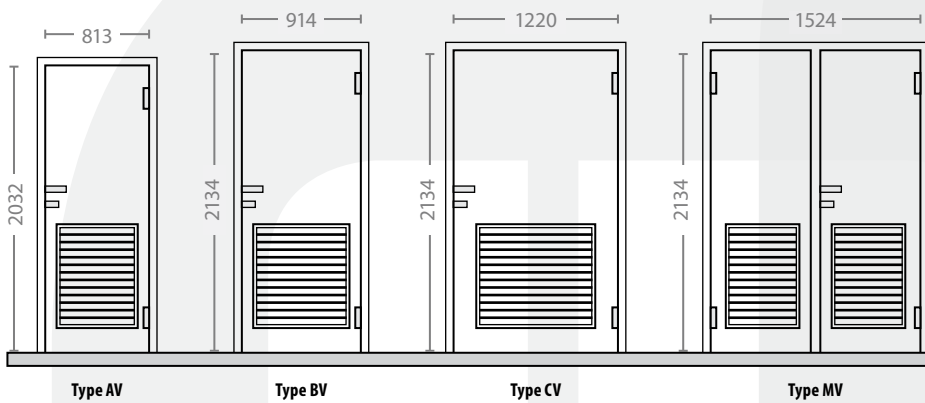
COUPLING

Composite units (Prefix CC & CD) are coupled together and welded.

STEEL TRANSFORMER ROOM DOORS

					
Door Size	No louvers	one louver	two louvers	fully louvered	We also manufacture fixed steel ventilation units
813 x 2032 x 230	Type A	Type AV	Type AVV	Type AVA	
915 x 2135 x 230	Type B	Type BV	Type BVV	Type BVA	
915 x 2440 x 230	Type H	Type HV	Type HVV	Type HVA	
1220 x 2135 x 230	Type C	Type CV	Type CVV	Type CVA	
1220 x 2440 x 230	Type F	Type FV	Type FVV	Type FVA	
1525 x 2135 x 230	Type M	Type MV	Type MVV	Type MVA	
1525 x 2440 x 230	Type Y	Type YV	Type YVV	Type YVA	
1830 x 2135 x 230	Type G	Type GV	Type GVV	Type GVA	
1830 x 2440 x 230	Type D	Type DV	Type DVV	Type DVA	

All doors outward opening

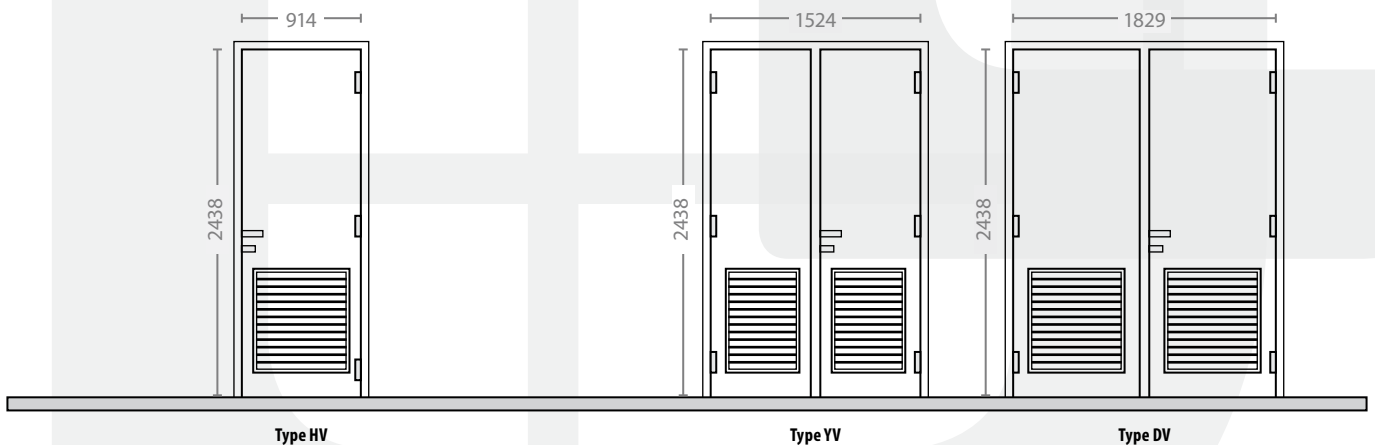


STANDARD SPECIFICATIONS

- 1.6 mm mild steel
- 3 - 100 x 2.6mm brass hinges per leaf
- Pull handle of 50 x 3 flat bar
- Pad bolts on double doors
- Louver vents line on inside with mesh screen

EXTRAS

- Pre-galvanised leaves
- Hot-dipped galvanised frames
- Panic bars



Type HV

Type YV

Type DV