

GLASS WIDTH CALCULATION TABLE FOR 3 RAILS



MEASURE BETWEEN WALL AND GLASS		A	59mm				
TWO PANELS INTERMEDIATE MEASURE		D	12mm				
TWO PANELS MIDDLE MEASURE		E	79mm				
90 DEGREE ANGLE MEASURE		B-1	72mm	B-2	106mm	B-3	140mm
135 DEGREE ANGLE MEASURE		C-1	49mm	C-2	63mm	C-3	77mm

101 MM IS ADDED TO THE FRAME LENGTH AT 90 DEGREE REVERSE ANGLE

90 DEGREE REVERSE ANGLE MEASURE		B REVERSE-1	129mm	B REVERSE-2	95,5mm	B REVERSE-3	62mm
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42 MM IS ADDED TO THE FRAME LENGTH AT 135 DEGREE REVERSE ANGLE

135 DEGREE REVERSE ANGLE MEASURE		C REVERSE-1	73mm	C REVERSE-2	59mm	C REVERSE-3	45mm
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GLASS WIDTH CALCULATION TABLE FOR 5 RAILS



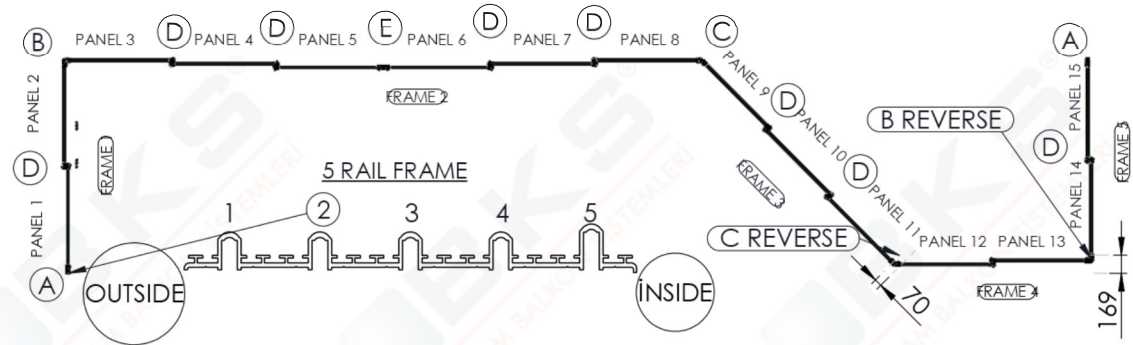
MEASURE BETWEEN WALL AND GLASS		A	59mm								
TWO PANELS INTERMEDIATE MEASURE		D	12mm								
TWO PANELS MIDDLE MEASURE		E	79mm								
90 DEGREE ANGLE MEASURE		B-1	72mm	B-2	106mm	B-3	140mm	B-4	174mm	B-5	208mm
135 DEGREE ANGLE MEASURE		C-1	49mm	C-2	63mm	C-3	77mm	C-4	91mm	C-5	105mm

169 MM IS ADDED TO THE FRAME LENGTH AT 90 DEGREE REVERSE ANGLE

90 DEGREE REVERSE ANGLE MEASURE		B REVERSE-1	196mm	B REVERSE-2	162,5mm	B REVERSE-3	129mm	B REVERSE-4	95,5mm	B REVERSE-5	62mm
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70 MM IS ADDED TO THE FRAME LENGTH AT 135 DEGREE REVERSE ANGLE

135 DEGREE REVERSE ANGLE MEASURE		C REVERSE-1	101mm	C REVERSE-2	87mm	C REVERSE-3	73mm	C REVERSE-4	59mm	C REVERSE-5	45mm
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BOTTOM FRAME CALCULATION FOR ANGLE

90 DEGREE (B)	135 DEGREE (C)	-90 DEGREE (B)	-135 DEGREE (C)
UPPER FRAME -10mm	UPPER FRAME -5mm	UPPER FRAME +10mm	UPPER FRAME +5mm

FORMULA OF GLASS WIDTH CALCULATION

								HEAT INSULATED SYSTEMS	SINGLE GLASS SYSTEMS		
1.FRAME LENGHT 2000mm	-	A 59mm	-	D 12mm	-	B-1 72mm	/	PANEL QUANTITY 2	=	1.and 2. GLASS WIDTH 928,5mm	3 MM SHORTER 925,5MM
2.FRAME LENGHT 6000mm	-	B 72mm	-	DX4 48mm	-	E 78mm	-	C-1 49mm	/	3,4...and 8. GLASS WIDTH 958,8mm	3 MM SHORTER 955,8MM
3.FRAME LENGHT 2589mm+70mm=2659mm	-	C-1 49mm	-	DX2 24mm	-	C-REVERSE 3 73mm	/	PANEL QUANTITY 3	=	9.10.and 11. GLASS WIDTH 837,6mm	SHORTER THAN 3 MM 834,6MM
4.FRAME LENGHT 1761mm+70mm+169mm=2000mm	-	C-REVERSE 3 73mm	-	D 12mm	-	B REVERSE-2 162,5mm	/	PANEL QUANTITY 2	=	12. and 13. GLASS WIDTH 876mm	3 MM SHORTER 873MM
5.FRAME LENGHT 1831mm+169mm=2000mm	-	B REVERSE-2 162,5mm	-	D 12mm	-	A 59mm	/	PANEL QUANTITY 2	=	14. and 15. GLASS WIDTH 883mm	3 MM SHORTER 880MM

FORMULA OF THE GLASS HEIGHT CALCULATION

SYSTEM HEIGHT 3000mm	-	UPPER FRAME HEIGHT+BOTTOM FRAME HEIGHT 76,5mm + 64,5mm = 141mm	=	GLASS HEIGHT 2859mm	3 MM SHORTER 2856MM
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FORMULA OF THE SIDE COLUMN HEIGHT CALCULATION

SYSTEM HEIGHT 3000mm	-	UPPER FRAME HEIGHT+BOTTOM FRAME HEIGHT 6,5mm + 7,5mm = 14mm	=	SIDE COLUMN HEIGHT 2986mm
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FORMULA OF THE GLASS PANEL SIDE PROFILE HEIGHT CALCULATION

GLASS HEIGHT 2859mm	-	BOTTOM BASE PROFILE HEIGHT+UPPER BASE PROFILE HEIGHT 55mm + 55mm = 110mm	=	GLASS PANEL SIDE PROFILE HEIGHT 2969mm
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FORMULA OF THE BASE PROFILE WIDTH CALCULATION

GLASS WIDTH 967mm	-	GLASS GAP İNSİDE COLUMN X 2 13 X 2 = 26mm	=	BASE PROFILE WIDTH 941mm
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