

Skylight System Selection Matrix

Series	1000			1500		2000				2500		3000			
Systems	E-8	EG-8	EG-16	10mm	20mm	I-10	I-16	I-25	IT&G	8mm	20mm	VBPC	BPC	1608R	1608
Ideal Use															
Curved										x	x		x	x	x
Sloped										x	x		x	x	x
Hip													x	x	
Ridge													x	x	
Pyramid													x	x	
Mullion Required Y/N	Y	Y	Y	N	N	Y	Y	Y	N	N	N	Y	Y	Y	Y
Visible Fasteners	Y	Y	Y	N	N	Y	Y	Y	N	N	N	Y	Y	Y	Y
Glazing Thickness (mm)	8	8	16	10	20	10	16	25**	10/20	8	20	10/16	16/20/25**	8/16	8/16
System Thickness	0.422	0.500	0.810	0.875	0.250	0.500	0.625	1.000	1.164	1.625	2.125	1.250	2.125	2.250	3.750
Span between Structural Members* Perpendicular to Panel Length	NA	NA	NA			5'	7'	8'	5/6'	4'	6'	NA	8'	9'	10'
Standard Sheet Widths	48" 72" 82"	48" 72" 82"	48" 72" 82"			48" 72" 82"	48" 72" 82"	48"				48" 72" 82"	48" 72" 82"	48" 72" 82"	48" 72" 82"
Standard Panel Heights	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'	24'
Max. Sheet Length	39'	39'	39'	39'	39'	39'	39'	39'	39'	39'	39'	39'	39'	39'	39'
U-Value	0.58	0.58	0.40	0.48	0.40	0.53	0.40	0.31	0.48/0.26	0.48	0.26	0.53/0.40	0.40/0.34/0.31	0.24	0.20
Fire Tested															
E84 - Class A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
D635 - CC1	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

* Maximum span & panel sizes are based on 90 mph wind load with 1" deflection.

If design load is greater or less, call Duo-Gard at 1-800-872-4404 for technical assistance.

** 25mm is available only in 48" sheets.

*** Matrix provides most common solutions. It is not all-inclusive. Please contact a service representative at Duo-Gard Industries to discuss other solutions.