



MANKO

WINDOW SYSTEMS INC.

Aluminum Products



Des Moines, IA

Denver, CO

Manhattan, KS

www.mankowindows.com

Storefront

Series	Product	Face Dim	Frame Depth	Water Test	Glass Lites	U-Value (.29 COG)
450	1/4" Non-Thermal Center Glazed	1 3/4	4 1/2	9#	1	
1450	1" Non-Thermal Center Glazed	2	4 1/2	*12#	2	
2450	1" Thermal Center Glazed	2	4 1/2	*12#	2	.38
2450xpt	1" Double Thermal Center Glazed	2	4 1/2	*12#	2	.35
2450 FS	1" Thermal Front Set	2	4 1/2	*12#	2	.38
2600xpt	1" Double Thermal Offset Glazed	2	6	*12#	2	.37

**With High Performance Subsill*

Curtain Wall

Series	Product	Face Dim	Std. Frame Depth	Water Test	Glass Lites	U-Value (.29 COG)
200	Thermal Curtain Wall	2	3 1/2 - 8 1/2	10#	2	
200xpt-2	Thermal Curtain Wall	2	6 - 7 1/2	10#	2	
250	Thermal Curtain Wall	2 1/2	2 1/4 - 10 1/8	12#	2	.47
250xpt-2	Ultra Thermal Curtain Wall	2 1/2	4 5/8 - 10 1/8	12#	2	.36
250xpt-3	Ultra Thermal Triple Glazed Curtain Wall	2 1/2	5 1/4 - 10 7/8	12#	3	.21*
7700	Thermal Slope Glazing Curtain Wall	2 1/2	Contact Manko for More Information			

Blast Capabilities

*.16 COG**

Aluminum Doors

Series	Product	Door Thickness	Stile Size	Water Test	Glass Lites	U-Value (.29 COG)
100	Narrow Stile Storefront Door	1 3/4	2		2	.68
135	Medium Stile Storefront Door	1 3/4	3 1/2		2	.75
150	Wide Stile Storefront Door	1 3/4	5		2	.79
135i	Medium Stile Isobar Storefront Door	2	3 1/2		2	
150i	Wide Stile Isobar Storefront Door	2	5		2	
135H	Medium Stile Heavy Wall Storefront Door	2	3 1/2		2	
150H	Wide Stile Heavy Wall Storefront Door	2	5		2	
175	Mall Slider	1 3/4	2		1	
2100 - 2200	Sliding Patio Door			*12#	2	
2300i	Terrace Door	1 13/16	3 5/8		2	
2400i	Bi-Fold Door	1 3/4	3 3/4		2	

**With High Performance Sill*

Aluminum Windows - Projected Series

Series	Product	Thermal	Rating	Frame	Water	Glass	U-Value (.29 COG)		
		Break	Fix/Oper	Depth	Test	Lites	Fixed	Projected	Casement
680	Fixed / Project I/O / Casement	P&D	AW 80/80	3 1/4	12#	2			
800	Fixed / Project I/O / Casement	P&D	AW 80/80	2	12#	2	.37	.50	.50
1100	Project O / Casement	P&D	AW 100/80	2 11/16	12#	2			
3000	Fixed / Project O / Casement - Historic	P&D	AW 100/80	2 3/4	12#	2			
3100	Fixed / Project O / Casement - Historic	P&D	AW 100/80	2 3/4	12#	2			
3100i	Fixed / Project O / Casement - Historic	Isobar	AW 100/80	3 1/4	12#	2/3	*.32*	*.44*	*.43*
2727i	Fixed / Project I/O / Casement	Isobar	AW 100/80	2 3/4	12#	2/3	.35	.45	.45
3527i	Fixed / Project I/O / Casement	Isobar	AW 100/80	3 1/2	12#	2/3	.37	.46	.46
4527i	Fixed / Project I/O / Casement	Isobar	AW 100/80	4 1/2	12#	2/3	.37	.48	.47
3232xpt	Fixed / Project I/O / Casement	Isobar	AW 100/80	3 1/4	12#	2/3	.35*	.40*	.40*
4032xpt	Fixed / Project I/O / Casement	Isobar	AW 100/80	4	12#	2/3	.36*	.40*	.40*
5032xpt	Fixed / Project I/O / Casement	Isobar	AW 100/80	5	12#	2/3	.37*	.42*	.42*

Blast

.28 COG

.30 COG*

Aluminum Windows - Hung Series

Series	Product	Thermal	Operable	Frame	Water	Glass	Value
		Break	Rating	Depth	Test	Lites	(.29 COG)
700	Double Hung	P&D	CW 45	3 1/4	8#	2	.52*
701	Single Hung	P&D	CW 45	3 1/4	8#	2	
725	Single Hung - Historic	P&D	CW 40	3 1/4	8#	2	
3135xpt	Single Hung	Isobar	AW 70	3 1/2	12#	2	.38
3141xpt	Single Hung	Isobar	AW 70	4 1/16	12#	2	.38
3450i	Offset Fixed (Simulated DH) - Historic	Isobar	AW 80	4 1/2	12#	2	
5500	Single / Double Hung - Historic	P&D	HC 80	4 1/16	12#	2	
7035	Single Hung	P&D	AW 50	3 1/2	10#	2	
7041	Single / Double Hung	P&D	AW 50	4 1/16	10#	2	

Blast

.35 COG*

Aluminum Windows - Slider Series

Series	Product	Thermal	Operable	Frame	Water	Glass	Value
		Break	Rating	Depth	Test	Lites	(.29 COG)
600	XO, OX, XX, XOX	P&D	CW 50	3 1/4	8#	2	.52*
2135xpt	XO, OX, XOX	Isobar	AW 50	3 1/2	10#	2	.38
2141xpt	XO, OX, XOX	Isobar	AW 50	4 1/16	10#	2	.39
6035	XO, OX, XX, OXO, XOX	P&D	HC 65	3 1/2	10#	2	
6041	XO, OX, XX, OXO, XOX	P&D	HC 65	4 1/16	10#	2	

Blast

.35 COG*



Windows • Curtain Wall • Storefront • Storefront Doors • Sunshades & VersaShades
 Insulated Glass • Fabricated Glass • Digital In-Glass Printing • Dynamic Glass • Fire-Rated Glass & Systems