MANKO 3100i Series 3 ¼" Historical Profile Architectural Grade Fixed and Projected Window System Structural Performance and Capabilities

AAMA PERFORMANCE RESULTS

	AAMA Performance Rating	Air Infiltration @6.24psf	Water (psf)	Design Pressure	Structural Overload Pressure
Fixed	AW-PG100-F	≤ .1 cfm/ft^2	12.0psf	100psf	150psf
Projected	AW-PG80-AP	≤ .1 cfm/ft^2	12.0psf	80psf	120psf
Casement	AW-PG80-AP	≤ .1 cfm/ft^2	12.0psf	80psf	120psf

3100i Series Hardware Options

	4 Bar Hinge w/friction Shoe	Cam Handles	Dual Cam Locks	Auxillary Friction Device	Limit Device	Pole Ring Cam Handle	Access Control Custodial Lock	Auxillary Jamb Locks
Project Out	S	S	*O	O	O	O	O	**O
Casement	S	O	O	O	O			S

S= Standard Hardware O=Optional Hardware

*Standard on vents over 40" Wide.
**Standard on vents over 42" in Height

Sizing Capabilities for 3100i Series Windows (Frame Size)

	Width		Height		Max FT^2
	Min	Max	Min	Max	
Fixed	12"	100"	12"	100"	≤ 36
Projected (cam handle hardware)	15"	60"	15"	41"	≤ 16
Projected (cam handle hardware with auxillary jamb locks)	15"	60"	42"	60"	≤ 20
Casement	16"	36"	16"	60"	≤ 12

Glazing Infill Options

	1"	1 1/2"
Insulated Units	S	O

Grid Options

Exterior Profiled Grid Attached to Main Frame	S
Between Glass Muntins	O
Interior Flat Grid Attached to Glass	O

Manko Window Systems Inc.
800 Hayes Drive
Manhattan, KS.
66502
PH: (800) 642 1488
FX: (800) 576 2656

MANKO
WINDOW SYSTEMS, INC.

Manko – Aurora, CO.
17500 E. 22nd Avenue
Aurora, CO. 80011
PH: (888) 642 1488
FAX: (303) 375 0669

Manko– Des Moines, IA.
3001 McKinley Avenue
Des Moines, IA. 50321
PH: (515) 288 7427
FAX: (515) 288 6968

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