

# MANKO 4527i SERIES 4 1/2" ARCHITECTURAL GRADE FIXED, PROJECTED, AND CASEMENT 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 <sup>2</sup>	12.0psf	100psf	150psf
Projected	AW-PG80-AP	≤ .1 cfm/ft <sup>2</sup>	12.0psf	80psf	120psf
Casement	AW-PG80-AP	≤ .1 cfm/ft <sup>2</sup>	12.0psf	80psf	120psf

## 4527i Series Hardware Options

	4 Bar Hinge w/friction Shoe	Butt Hinges	Auxillary Friction Device	Limit Device	Single Arm Roto Operator	Dual Arm Roto Operator	Cam Handle	Pole Ring Cam Handle	Access Control Custodial Lock	Lift Lock
Project In	S		O	O			S	O	O	
Project Out	S		O	O		*O	*S	O	O	*O
Casement	O	S	O	O	S		O			S

S= Standard Hardware

O=Optional Hardware

\*Lift locks are standard with roto operators, and whenever vents exceed 42" tall when using cam handles.

### Sizing Capabilities for 4527i Series Windows (Frame Size)

	Width		Height		Max FT <sup>2</sup>
	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
Projected (rotary operator with auxillary jamb locks)	22"	60"	16"	60"	≤ 20
Casement (rotary operator with lift lock)	18"	36"	18"	60"	≤ 12

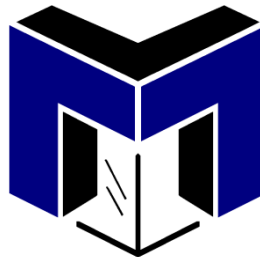
### Glazing Infill Options

	1/4"	7/8"	1"	1 1/4"	1 1/2"	1 3/4"	2"
Insulated			S	O**	O	O	O
-GO (Grid Option)	O		S		O		
*Dual Glazing	Ext Lite	S	O				
	Int Lite	S					

\*Between the glass 5/8" aluminum blinds are available with dual glazing.

\*\*Hermetically sealed blind units are available

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