



WINDOWS

Sliding Window

Thermally broken aluminum · two panels on two tracks, or three panels on three tracks



THE SYSTEM

A thermally broken aluminum sliding window on the Ascent sliding profile. Two panels that both slide, on two tracks, or three panels on three tracks with two sliders and one fixed panel. Panels run on rollers.

CONSTRUCTION

Frame depth	<i>To be confirmed</i>
Tracks	2-track, two panels · 3-track, three panels
Thermal break	Polyamide, 9/16" (15 mm)
Profile wall	2.0 mm
Finish	AkzoNobel Interpon powder coat, AAMA 2604; 2605 and dual-color to order
Hardware	Roto locking; Coastal 316 stainless handle; rollers
Screen	Retractable screen available

PERFORMANCE

0.39 U-FACTOR	0.21 SHGC	0.35 VT
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Calculated whole-window values with T40 Low-E glass; not NFRC listed. Meets IECC Climate Zone 2 ($U \leq 0.40$, $SHGC \leq 0.25$): San Antonio, Austin, Houston, Phoenix, Tucson. NFRC-certified product is specified in the Summit collection.

SIZES

	INCHES	MILLIMETERS
Max panel width	62 7/8"	1600
Max panel height	95 7/8"	2438
Min panel size	<i>To be confirmed</i>	
Max panel weight	<i>To be confirmed</i>	

Reference sizes, width × height, measured to the outside of the frame, excluding the nail fin. Every Ascent unit is built to the opening on the drawings.

CONFIGURATIONS



GLAZING

Standard	6 mm T40 Low-E + 12 mm argon + 6 mm
Unit	15/16" (24 mm) insulating glass
Glass	Tempered, every lite

EGRESS — SMALLEST FRAMES

Two panel, 2-track

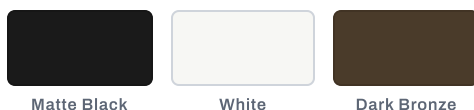
49" × 44" (1245 × 1118 mm)
60" × 36" (1524 × 914 mm)
72" × 30" (1829 × 762 mm)

Three panel, 3-track

38" × 44" (965 × 1118 mm)
48" × 35" (1219 × 889 mm)
60" × 29" (1524 × 737 mm)
72" × 29" (1829 × 737 mm)

Overall frame sizes. 2-track: clear W = (W – 157 mm) ÷ 2. 3-track: clear W = (2W – 314 mm) ÷ 3. Clear H = H – 81 mm (3 3/16"). Sizes carry a margin over IRC R310: 6.0 sq ft clear, 21" clear width, 25" clear height.

FINISH



AkzoNobel Interpon powder coat, AAMA 2604, inside and out. Custom colors, AAMA 2605 and dual-color frames (a different color inside and outside) at an additional charge.

HOW AN ASCENT UNIT IS ORDERED

01

Send the schedule

The window and door schedule or a takeoff with opening sizes, the elevations so mulled runs price as assemblies, and the finish inside and out.

02

Approve the drawings

Shop drawings are issued for every opening and signed before any aluminum is cut.

03

Production and delivery

45 days production from deposit and signed drawings, then about 30 days ocean transit to the warehouse.



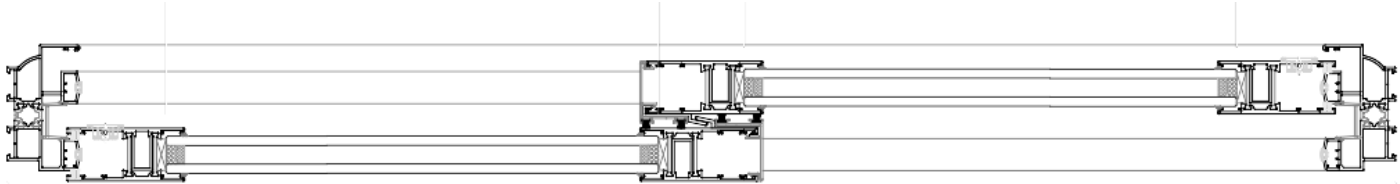
WINDOWS · SLIDING WINDOW

Profile sections

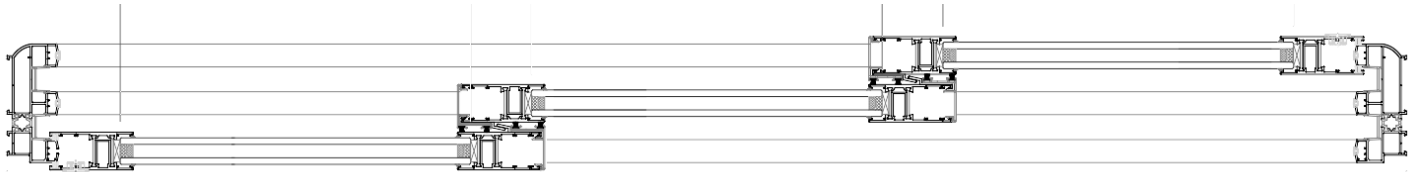
Drawn from the current Ascent production profile drawings. Profile dimensions are in the table alongside.

PLAN SECTION

PLAN SECTION — TWO PANEL, 2-TRACK



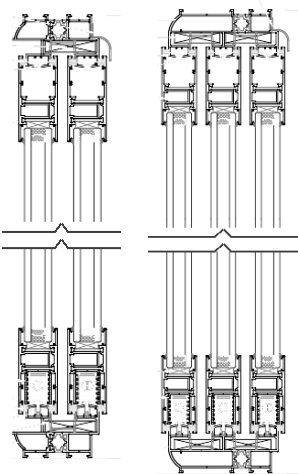
PLAN SECTION — THREE PANEL, 3-TRACK



HEAD & SILL — VERTICAL

2-TRACK

3-TRACK



READING THE SECTION

2-track	Two sliding panels
3-track	Two sliding panels and one fixed panel
Thermal break	Polyamide, 9/16" (15 mm)
Frame depth	To be confirmed

Profile, gasket and glazing dimensions are issued with the approved shop drawings.

GLAZING MAKE-UP

Outer lite	1/4" (6 mm) T40 Low-E
Cavity	1/2" (12 mm) argon
Inner lite	1/4" (6 mm)
Unit	15/16" (24 mm) insulating glass
All lites	Tempered

INSTALLATION

Nail fin	Integral, 4 sides, standard; setback selectable per order to suit the cladding
Drainage	Weep system at the sill

ASCENT — LIMITED WARRANTY

Frame, sash, welds	10 years
Insulating glass seal	10 years
Finish	12 years
Hardware and screens	5 years

ALSO IN ASCENT

Fixed window	Picture and mulled units
Casement	Outswing, single or pair
Awning	Top hinged, push-out
Swing door	Inswing or outswing, single or pair
Window wall	Data sheet to follow
Sliding door	Data sheet to follow

Sections are supplied for detailing only and are not shop drawings. Approved shop drawings are issued for every order before manufacturing.

Thermal values for this non-certified collection are the manufacturer's calculated whole-window figures and carry no NFRC listing. NFRC-certified product is specified in the Summit collection.