



WINDOWS

Fixed Window

Thermally broken aluminum · non-operable · single lites or mulled runs, built to your openings



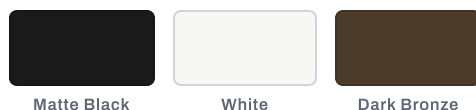
THE SYSTEM

A thermally broken aluminum fixed window on the Ascent profile, built to the exact size and shape on the drawings. Use it as a single picture lite, or mulled with casements, awnings and doors into one assembly.

CONSTRUCTION

Frame depth	2 11/16" (68 mm)
Visible frame	2 5/16" (58 mm) per side
Thermal break	Polyamide, 15/16" (24 mm)
Profile wall	2.0 mm
Finish	AkzoNobel Interpon powder coat, AAMA 2604; 2605 and dual-color to order

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.

PERFORMANCE

0.33 U-FACTOR	0.25 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 width	70 3/4"	1800
Max height	137 3/4"	3500
Min size	15" x 15"	381 x 381
Max weight	<i>To be confirmed</i>	

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

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.

GLAZING

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

FIXED GLASS

Not an egress window

Fixed units do not open. Pair them with a casement where a room needs egress.

CONFIGURATIONS





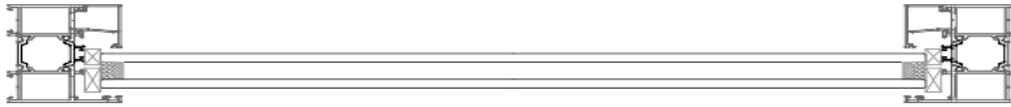
WINDOWS · FIXED WINDOW

Profile sections

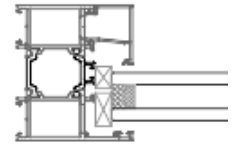
Drawn from the current Ascent production profile drawings. Profile dimensions are in the table alongside.

PLAN SECTION

PLAN SECTION — FRAME AND GLASS



JAMB DETAIL



READING THE SECTION

Frame	Thermally broken fixed frame, glazed from the inside
Thermal break	Polyamide, 15/16" (24 mm)
Frame depth	2 11/16" (68 mm)
Visible frame	2 5/16" (58 mm) per side

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	Glazing pocket drained to the exterior

ALSO IN ASCENT

Casement	Outswing, single or pair
Awning	Top hinged, push-out
Sliding window	2-track or 3-track
Swing door	Inswing or outswing, single or pair
Window wall	Data sheet to follow
Sliding door	Data sheet to follow

ASCENT — LIMITED WARRANTY

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

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.