



DOORS

Swing Door

Thermally broken aluminum · inswing or outswing · single door or a pair with a center lock



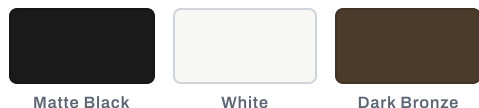
THE SYSTEM

A thermally broken aluminum patio and entry door on the Ascent profile. Inswing or outswing, specified at order, single or as a pair, with Roto multipoint locking, a Coastal 316 stainless handle and a low threshold in matching finish.

CONSTRUCTION

Frame depth	<i>To be confirmed</i>
Thermal break	Polyamide, 15/16" (24 mm)
Profile wall	2.0 mm
Opening	Inswing or outswing, specified at order
Finish	AkzoNobel Interpon powder coat, AAMA 2604 ; 2605 and dual-color to order
Hardware	Roto multipoint locking; Coastal 316 stainless handle
Threshold	Low, in matching finish
Screen	Retractable screen available

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

0.37 U-FACTOR	0.22 SHGC	0.27 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 leaf width	39 1/4"	1000
Max leaf height	110 1/8"	2800
Min leaf width	23"	584
Min leaf height	70"	1778
Max leaf 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.

GLAZING

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

NOT AN EGRESS DOOR

Doors are not egress

Bedroom egress is served by a casement.

CONFIGURATIONS



SINGLE DOOR



PAIR OF DOORS

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.



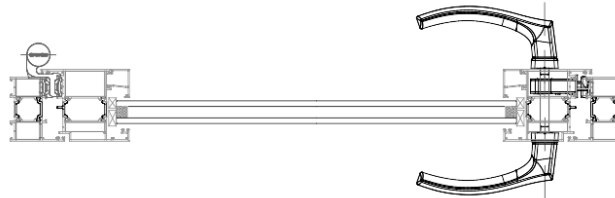
DOORS · SWING DOOR

Profile sections

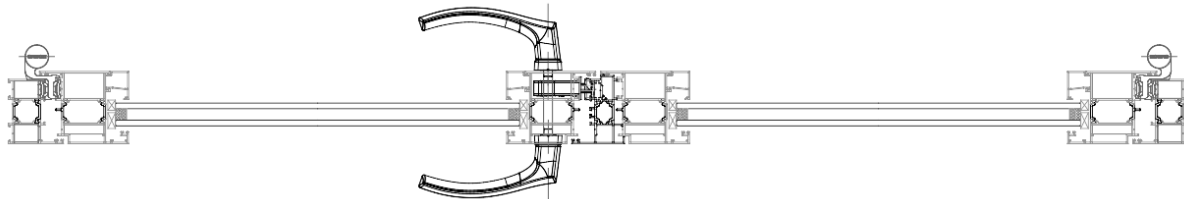
Drawn from the current Ascent production profile drawings. Profile dimensions are in the table alongside.

PLAN SECTION

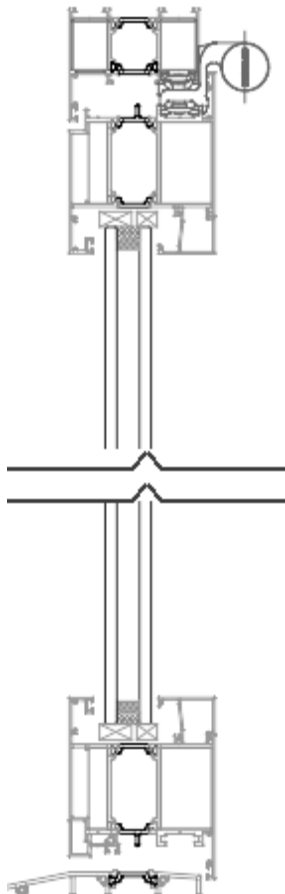
PLAN SECTION — SINGLE DOOR



PLAN SECTION — PAIR OF DOORS



HEAD & SILL — VERTICAL



READING THE SECTION

Operation Inswing leaf shown; outswing to order.
Multipoint lock

Threshold Low threshold at the sill

Thermal break Polyamide, 15/16" (24 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 slots 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
Sliding window	2-track or 3-track
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.