



WINDOWS

Fixed Window

110 Series thermal-break aluminum · non-operable · structurally glazed lite



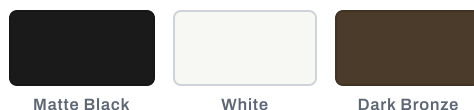
THE SYSTEM

A non-operable thermally broken lite on the 110 Series platform. The deepest frame in the collection, so it carries the largest glass — single lites to 10 m² — and mulls into runs and corners without a separate curtain-wall system.

CONSTRUCTION

Frame depth	110 mm (4-5/16")
Frame face	47.5 mm
Profile wall	2.0 mm, 6063-T5
Thermal break	Polyamide strut, 35.3 mm
Finish	AkzoNobel Interpon powder coat, AAMA 2604; 2605 and dual-color to order
Hardware	None — fixed lite
Screen	Not applicable
Drainage	Glazing pocket drained to the exterior

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

0.38 U-FACTOR	0.25 SHGC	0.57 VT
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Manufacturer's whole-window values, not NFRC listed.
Meets IECC Climate Zone 2 ($U \leq 0.40$, $SHGC \leq 0.25$): San Antonio, Austin, Houston, Phoenix, Tucson.

SIZES

	INCHES	MILLIMETERS
Min width	15 3/4"	400
Min height	15 3/4"	400
Max glass, one lite	107.6 sq ft	10 m ²
Max unit	By design review	By design review

Maximum width and height are set by design review against the glass area and the wind load.

GLAZING

Standard	5 mm Low-E double silver + 20 mm argon + 5 mm
Glass	Tempered, every lite, every size

Glass steps with pane area: 5 mm up to 2.49 m², then 6 and 8 mm. Large lites are supplied 8 mm double tempered.

CONFIGURATIONS



HOW A HORIZON 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

30 to 40 days production, then about 30 days ocean transit to the warehouse.

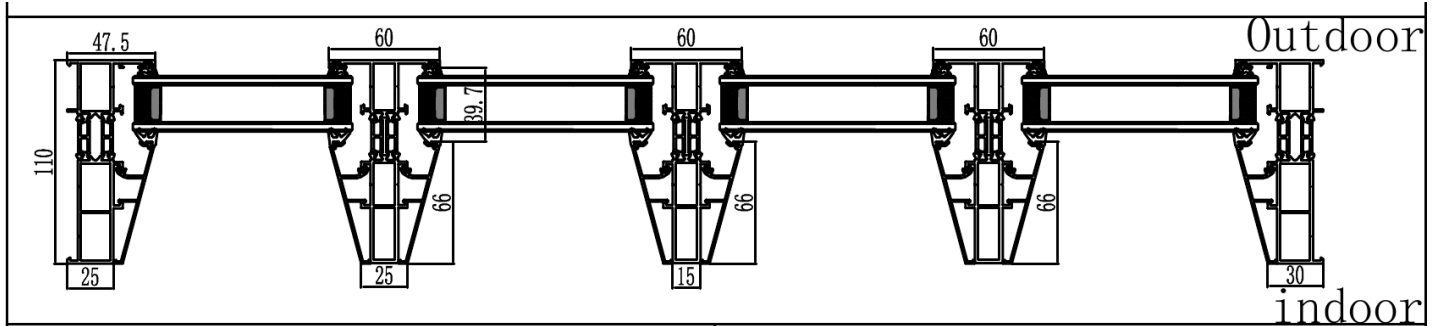


WINDOWS · FIXED WINDOW

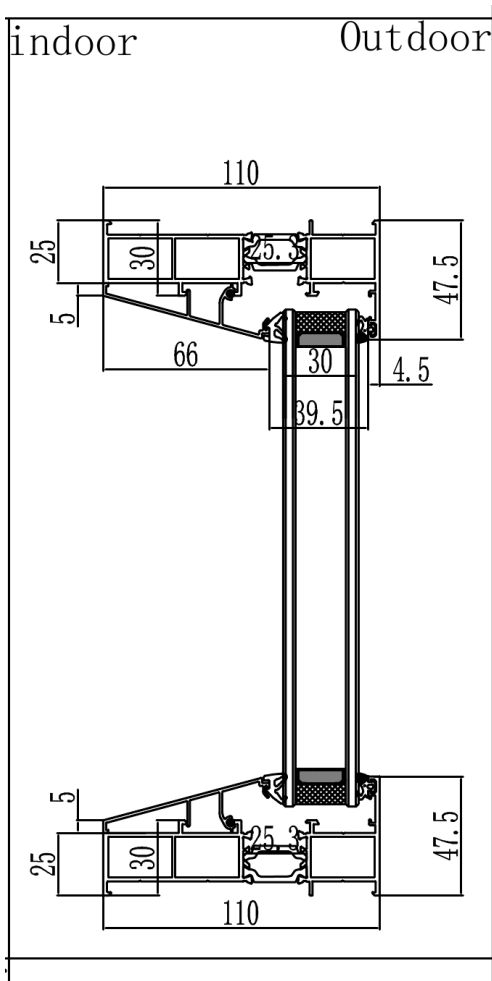
Profile sections

Drawn from the production die on the 110 Series platform. All dimensions in millimeters.

PLAN SECTION



HEAD & SILL — VERTICAL



READING THE SECTION

110 Frame depth at head, jamb and sill

47.5 Frame face — the fixed sightline

35.3 Polyamide thermal break

60 Mullion between mulled lites

Remaining figures on the sections are internal profile and gasket dimensions, issued with the approved shop drawings.

GLASS THICKNESS BY PANE AREA

EACH LITE	PANE, SQ FT	PANE, M ²
5 mm	up to 26.8	0.09–2.49
6 mm	26.9–43.0	2.50–3.99
8 mm	43.1–64.5	4.00–5.99

INSTALLATION

Nail fin
Integral, 4 sides;
setback 7/8"–1-3/8" per
order

Drainage
Glazing pocket drained
to the exterior

Glass
Double tempered, Low-
E double silver, argon
filled

**HORIZON — LIMITED
WARRANTY**

Frame, sash, welds	10 years
Insulating glass seal	10 years
Finish — AAMA 2604	10 years
Hardware and screens	3 years

ALSO IN HORIZON

Fixed	110 Series
Casement & awning	WJ110 Series
Tilt & turn	90 Series
Sliding window	4075 Series
Sliding door	4075 Series
Multi-slide	TY120 Series

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 manufacturer's calculated whole-window figures and carry no NFRC listing. NFRC-certified product is specified in the Summit collection.