



WINDOWS

Sliding Window

4075 thermal-break aluminum · two panels or three tracks, middle opening · rollers · retractable interior screen



THE SYSTEM

A thermally broken aluminum sliding window on the 4075 platform, the same profile as the Horizon sliding door. Two panels on two tracks, or three tracks opening at the middle. Panels run on rollers, and the retractable screen sits inside.

CONSTRUCTION

Frame depth	approx. 4 1/4 in (108 mm)
Tracks	Two-panel (2-track) or 3-track
Profile wall	2.0 mm, 6063-T5
Thermal break	Polyamide
Finish	AkzoNobel Interpon powder coat, AAMA 2604; 2605 and dual-color to order
Hardware	CMECH; rollers
Screen	Retractable, interior; priced separately
Drainage	Weep system at the sill

PERFORMANCE

0.40 U-FACTOR	0.22 SHGC	0.59 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 — PER PANEL

	INCHES	MILLIMETERS
Max panel width	55"	1400
Max panel height	120"	3048
Min panel size	To be confirmed	
Max panel weight	370 lb	168 kg
Max glass, one panel	45.2 sq ft	4.2 m ²

Reference sizes. Larger sizes on request, confirmed case by case.

CONFIGURATIONS



GLAZING

Standard	5 mm Low-E double silver + 20 mm argon + 5 mm
Glass	Tempered, every lite; thickness steps up with lite size

EGRESS — SMALLEST FRAMES

Two panel

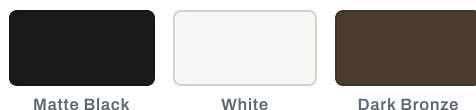
46 1/2" × 45 1/4" (1181 × 1147 mm)
75" × 28 1/4" (1902 × 715 mm)

Three track, two panels open

35" × 45 1/4" (886 × 1147 mm)
56 1/4" × 28 1/4" (1427 × 715 mm)

Overall frame sizes. IRC R310: 5.7 sq ft clear, 20" minimum clear width, 24" minimum clear height. Two panel: clear $W = W/2 - 82.5$ mm, clear $H = H - 105$ mm. Three track: clear $W = 2W/3 - 82.5$ mm.

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 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.

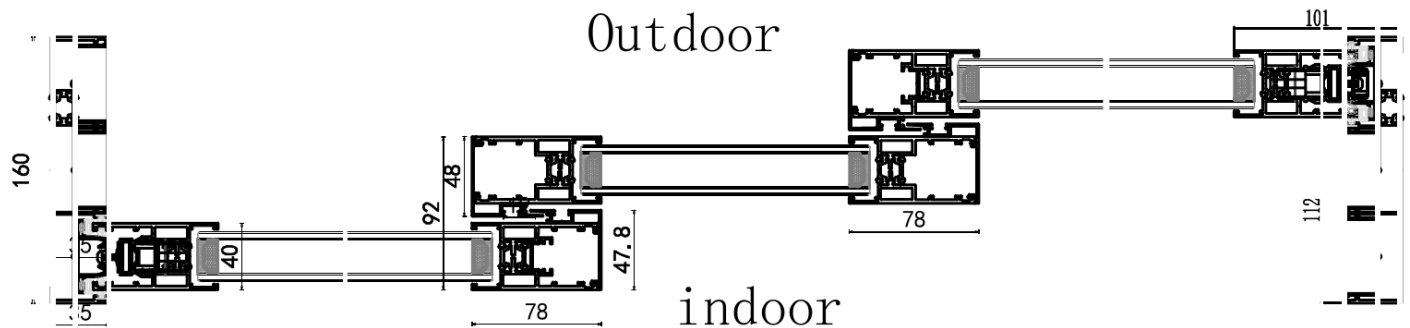


WINDOWS · SLIDING WINDOW

Profile sections

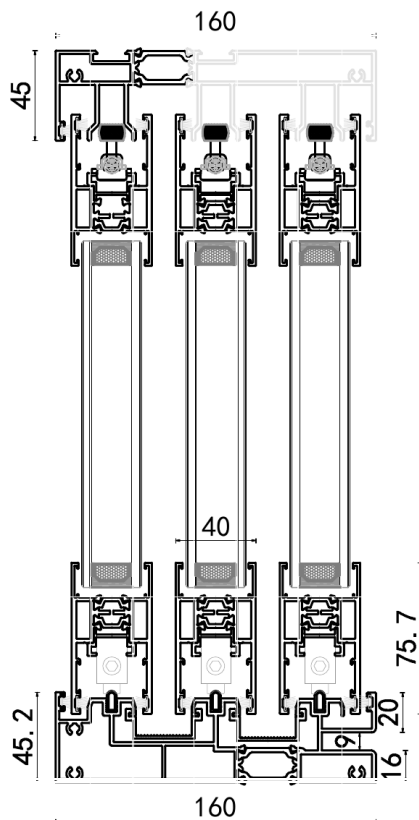
Drawn from the production die. 4075 profile — 3-track section shown. All dimensions in millimeters.

PLAN SECTION



HEAD & SILL — VERTICAL

indoor Outdoor



READING THE SECTION

160 Frame depth of the 3-track section shown

108 Two-panel (2-track) frame depth, approx.

45 Head frame face

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 per order
Drainage	Weep system at the sill
Hardware	Rollers
Screen	Retractable, interior; a separately priced line

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 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.