



DOORS

Sliding Door

4075 thermal-break aluminum · two or three tracks · rollers



THE SYSTEM

A thermally broken sliding door on the 4075 platform, in two or three tracks. On two and three panels every panel can slide — no fixed panel is required. Larger openings move to the TY120 multi-slide.

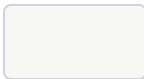
CONSTRUCTION

Frame depth	160 mm
Head face	45 mm
Tracks	Two or three; stepped multi-track sill
Profile wall	2.0 mm, 6063-T5
Thermal break	Polyamide struts
Finish	AkzoNobel Interpon powder coat, AAMA 2604; 2605 and dual-color to order
Hardware	CMECH multipoint lock; rollers
Screen	Retractable, priced separately
Drainage	Factory-set weep system

FINISH



Matte Black



White



Dark Bronze

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

0.40
U-FACTOR

0.22
SHGC

0.59
VT

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
Max panel width	55"	1400
Max panel height	120"	3048
Min panel width	31 1/2"	800
Min panel height	59 1/8"	1500
Max panel weight	370 lb	168 kg
Max glass, one panel	45.2 sq ft	4.2 m ²
Example built	144" × 120"	3658 × 3048

Two panel 2800 × 3000 · three panel 4200 × 3000 · four panel 5600 × 3000.

GLAZING

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

NOT AN EGRESS DOOR

Doors are not egress

ARI does not specify a sliding door as an egress opening. Bedroom egress is served by a casement or a sliding window.

Glass steps up with pane area, so large door panels are supplied 6 mm.

CONFIGURATIONS



OX / XO

OXXO

THREE
TRACK

POCKETING

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.

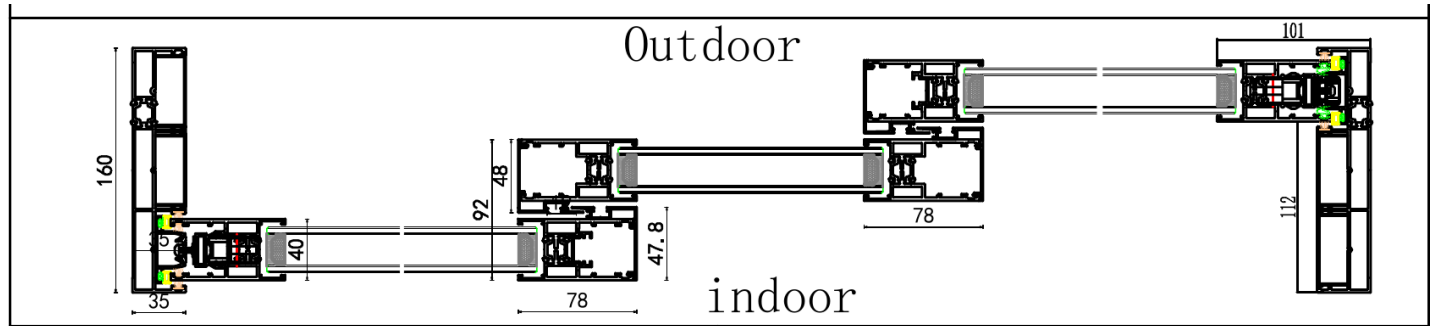


DOORS · SLIDING DOOR

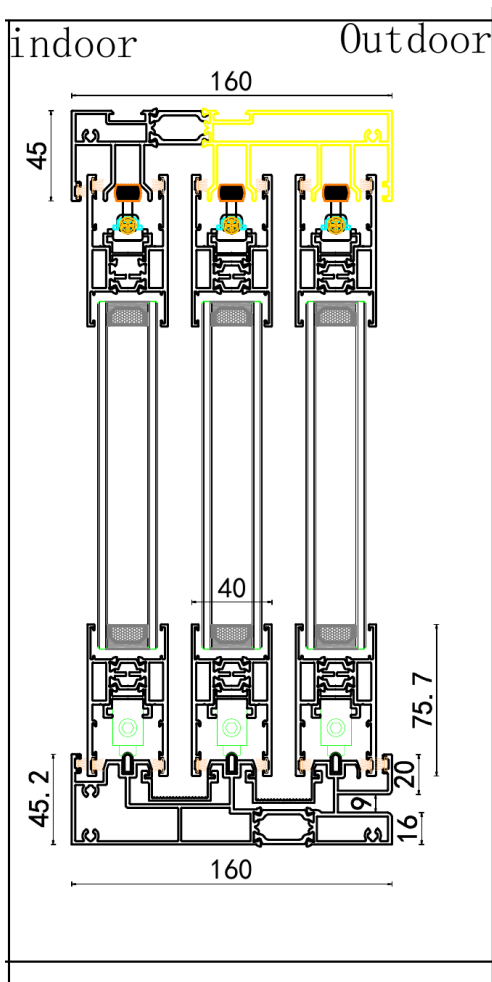
Profile sections

Drawn from the production die on the 4075 Series platform. All dimensions in millimeters.

PLAN SECTION



HEAD & SILL — VERTICAL



READING THE SECTION

160 Frame depth at the head

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

Sill Stepped multi-track, factory-set weep system

Rollers Adjustable

Screen Retractable; 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 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.