



DOORS

Swing Door

80 Series thermal-break aluminum · outswing · NFRC certified · West and Southwest

NFRC
CERTIFIED

West · CPD ZHM-M-4-00010-00001
Southwest · CPD ZHM-M-4-00003-00001



THE SYSTEM

An outswing thermally broken door on the 80 Series platform, sharing the Summit casement profile and certified and listed with the NFRC. Single or paired leaves.

CONSTRUCTION

Profile	Summit casement profile
Opening	Outswing
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	Roto multipoint locking; Coastal 316 stainless handle

NFRC CERTIFIED PERFORMANCE

LEVEL	U-FACTOR	SHGC	VT
West Triple glazed	0.24	0.19	0.32
Southwest Double glazed	0.33	0.21	0.39

Both levels NFRC certified. West CPD ZHM-M-4-00010-00001, for California Title 24 (U 0.27, SHGC 0.23). Southwest CPD ZHM-M-4-00003-00001, meets 2021 IECC zone 2 (U 0.40, SHGC 0.25) for Texas and Arizona.

SIZES

	INCHES	MILLIMETERS
Max width	39 1/4"	1000
Max height	118"	3000
Min size	23 5/8" × 70 7/8"	600 × 1800
Max leaf weight	864 lb	392 kg
Max glass	58.1 sq ft	5.4 m ²

Reference sizes; larger on request, case by case.

CONFIGURATIONS



SINGLE DOOR



PAIR OF DOORS

GLAZING

West	Triple glazed: 6 mm Low-E double silver + 12 mm argon + 6 mm clear + 12 mm argon + 6 mm Low-E double silver
Southwest	Double glazed, Low-E, argon filled, as certified
Spacer	Warm edge
Glass	Tempered, every lite

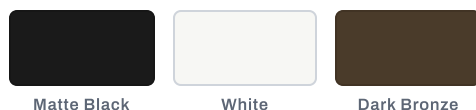
NOT AN EGRESS DOOR

Doors are not egress

Bedroom egress is served by a casement.

West units are triple glazed with two Low-E coatings; Southwest units are double glazed. Every lite is tempered, as certified.

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 SUMMIT 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

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

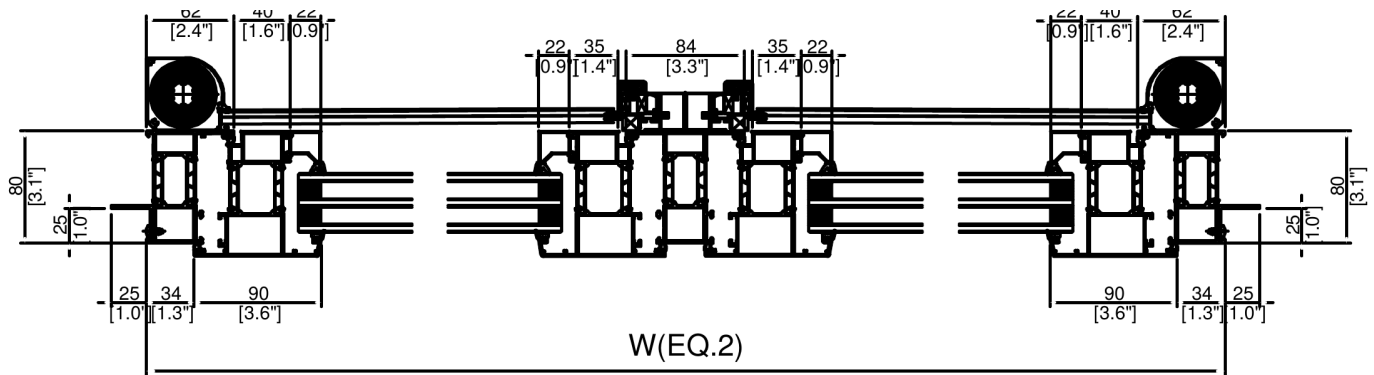


DOORS · SWING DOOR

Profile sections

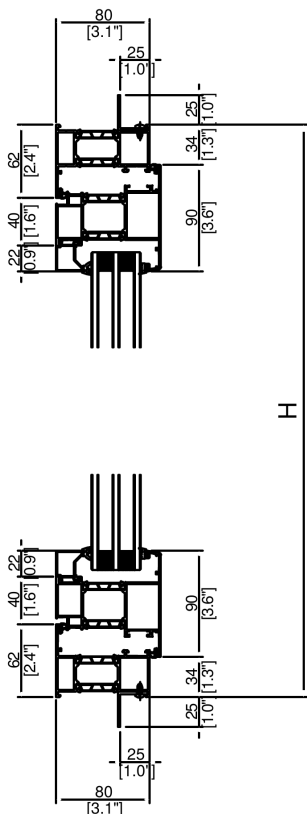
Drawn from the production die on the 80 Series platform. All dimensions in millimeters.

PLAN SECTION



HEAD & SILL — VERTICAL

indoor Outdoor



READING THE SECTION

80 Frame depth

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

GLAZING MAKE-UP — WEST

Outer lite	6 mm Low-E double silver
Cavity	12 mm argon, warm-edge spacer
Center lite	6 mm clear
Cavity	12 mm argon, warm-edge spacer
Inner lite	6 mm Low-E double silver
Southwest	Double glazed, Low-E, argon

All lites Tempered

INSTALLATION

Fixing	Self-tapping screws to timber; expansion bolts to masonry
Threshold	Finished to match the frame

SUMMIT — LIMITED WARRANTY

Frame, sash, welds	10 years
Insulating glass seal	10 years
Finish — AAMA 2604	15 years
Finish — AAMA 2605, to order	20 years
Hardware and screens	10 years

ALSO IN SUMMIT

Fixed	80 Series (K80)
Casement	80 Series (K80)
Swing door	80 Series
Tilt & turn	80 Series (YKT80A)
Sliding door	128 Series

Sections are supplied for detailing only and are not shop drawings. Approved shop drawings are issued for every order before manufacturing.

Summit thermal values are NFRC certified. Each product and level carries its own CPD number, which a dealer or plan checker can look up in the NFRC Certified Products Directory.