

YKK ap[®]

www.ykkap.com



1010 Midtown - Atlanta, GA

YSD 700

Heavy Duty Architectural Sliding Balcony Door

The **YSD 700** is a thermally broken and architectural rated sliding glass door designed to provide great energy efficiency and occupant comfort. The engineering behind the design provides enhanced structural capabilities without the need to add reinforcing. All panels, fixed and operable, use laminated insulating glass and may be pre-glazed in the shop to take advantage of a controlled environment and less expensive factory labor.

- Variety of configurations available (see back)
- AAMA/WDMA 101/I.S. 2-97/NAFS-02 and AW Performance Grade 120 rated
- Accepts monolithic or insulating glass
- Factory glazing and screen options available
- Standard heavy-duty hardware, including stainless steel rollers and track cover

Thermal Values:

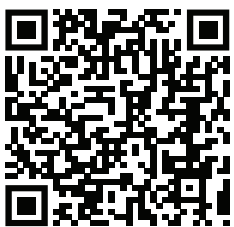
U-Factor:

Values as low as **0.55***

CRF:

Minimum **21**frame and **56**glass

*Based on NFRC 100. Lower values may be achieved through further simulation.



YSD 700 SPECS		
Base Depth	7"	
Sightline	2" to 2-3/4"	
Config	Pre-Glazed or Factory Glazed / Center Set	
Tested Glass	1" Laminated IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.30 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 15 PSF (718 Pa) Dynamic: 20 PSF (958 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Standard STC: 36 Standard OITC: 30	ASTM E 90 ASTM E 1425
	Laminated STC: 30 Laminated OITC: 27	

Thermal Performance								
Mullion Depth	U-Factor - BTU/hr·ft ² ·°F						CRF	
7" (Standard Threshold)	0.62	0.60	0.59	0.57	0.56	0.55	21	56
Center of Glass	0.30	0.28	0.26	0.24	0.22	0.20	Frame	Glass
AAMA 507 & NFRC 100							AAMA 1503	

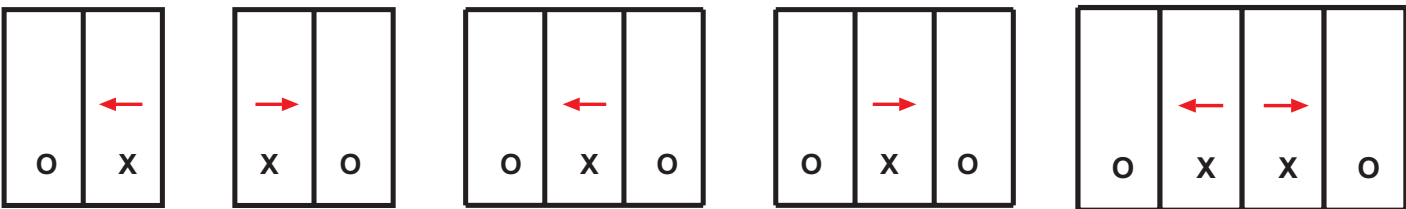
Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

Forced Entry Resistance	
Tested in accordance and meets requirements of Performance Grade 10	ASTM F 842 TAS 202

Structural System Performance	
Performance class of HC, performance grade 120, meet all the requirements of South Florida Building Code and comply with the requirements indicated in those codes.	AAMA 101 TAS 201

NOTE: Balcony door configuration will effect the performance specifications.

Configurations



Standard Hardware

Pull Handles, Integral Handles, Recessed Handles, Thumbturn and Lockbolt options are available. Please see the Balcony Door Hardware sheet on the Product Guide for more information.



Additional information including CAD details, CSI specs, test reports and installation instructions are found on the Product Guide by clicking this link or visiting www.ykkap.com/commercial/productguide