

YKK aP®

www.ykkap.com

ProTek®
YKK AP Hurricane & Blast Solutions

One Bal Harbour Condos - Bal Harbour, FL

YSD 600 TH

Impact-Resistant, Thermally Broken Architectural Sliding Balcony Door

The **YSD 600 TH** is an 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
- Thermally broken by ThermoBond Plus (frame) and MegaTherm iso bars (panels)
- Screen options available for both standard and low sill balcony doors
- Standard heavy-duty hardware, including stainless steel rollers and track cover
- Low profile, accessibility-friendly sill option (Available in 2 & 3 panel configurations only)

Thermal Values:

U-Factor:	Values as low as 0.46*
CRF:	Minimum 43 frame and 62 glass

*Based on AAMA 507. Lower values may be achieved through further simulation.



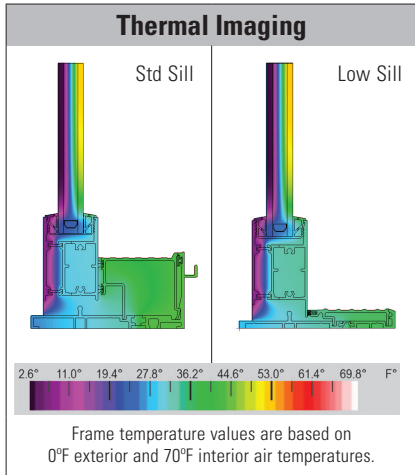
YSD 600 TH SPECS		
Base Depth	6"	
Sightline	2" to 2-1/4"	
Config	Pre-Glazed or Factory Glazed / Center Set	
Tested Glass	1-3/16" Laminated IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.30 CFM/FT ² (1.10 m ³ /h-m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 18 PSF (861 Pa) Low-Sill: 12 PSF (574 Pa) Cyclic: 18 PSF (861 Pa)	ASTM E 331 TAS 202
Acoustical* (1-3/16" IGU)	Laminated STC: 33 Laminated OITC: 30	ASTM E 90 ASTM E 1425
Forced Entry Resistance	Tested in accordance and meets requirements of Performance Grade 10	ASTM F 842 TAS 202

Thermal Performance								
Mullion Depth		U-Factor - BTU/hr.ft².°F					CRF*	
6" (Standard Threshold)	0.52	0.51	0.50	0.48	0.47	0.46	43	62
Center of Glass	0.30	0.28	0.26	0.24	0.22	0.20	Frame	Glass
AAMA 507							AAMA 1503	

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

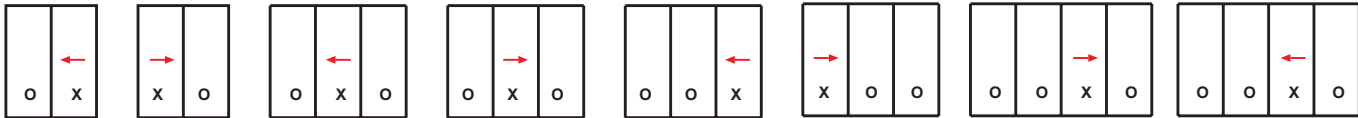
*Test results from the YSD 600 T.
YSD 600 TH should have similar results.

NOTE: Balcony door configuration will effect the performance specifications

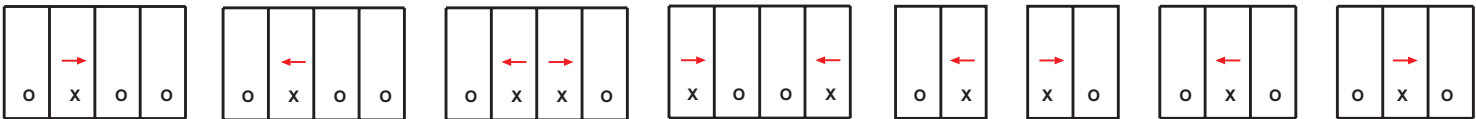


Configurations

Standard Sill



Standard Sill



Standard Hardware

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

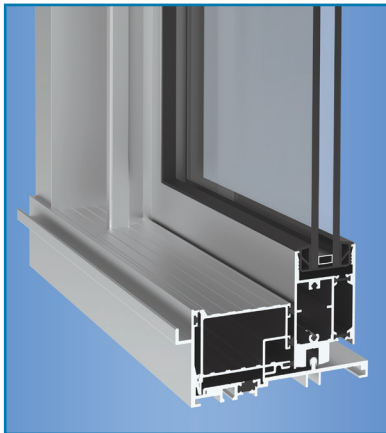
Standard Sill: The integral with recessed pull are primary. The E1-1638, E1-1639 and E1-1640 handles are optional and requires the smooth stile (BE9-6248).

Low Sill: The E1-1638, E1-1639 and E1-1640 handles are the primary choices and can use the normal stile on the door.

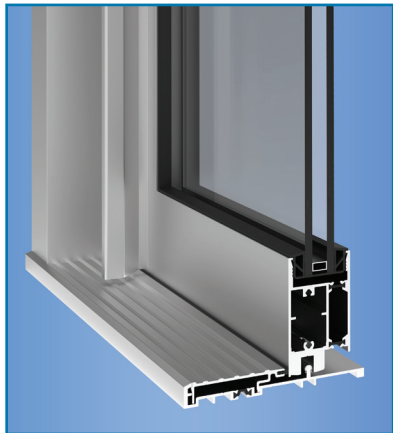


Sill/Threshold Options

We have a standard and low-profile option. The low-profile option is intended to integrate into designs that require accessibility-friendly and low threshold access to balconies and terraces.



Standard Threshold



Low Profile Threshold

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