

YPI 1500

Interior Access Panel for Curtain Wall, Storefront and Window Wall



ACCESS PANEL

Product Description

The YPI 1500 is an interior secondary access panel window system designed for new and retrofit installations where enhanced thermal, sound, or privacy performance are critical to occupant comfort. YPI 1500 can be integrated into most new and retrofit Storefront, Window Wall and Curtain Wall systems with little disruption to building occupants. When existing windows are weather-tight, and ventilation unnecessary, YKK AP interior accessory windows will improve thermal performance, reduce sound infiltration, and add privacy and security with optional between-glass Venetian blinds.

Product Options & Features

- Minimal frame depth to fit within existing window frame openings
- Side-hinged access doors with custodial locks
- Integrated 5/8" or 1" between-glass Venetian blinds available in 16 colors
- Slip-clutch blind tilt control knob
- Lift out and Pivot access panels
- Concealed blinds with tilt control
- Vent and Frame Multi-Point Locks available
- Increased privacy and occupant comfort
- Retrofit installation with low maintenance



**YKK
ap**®

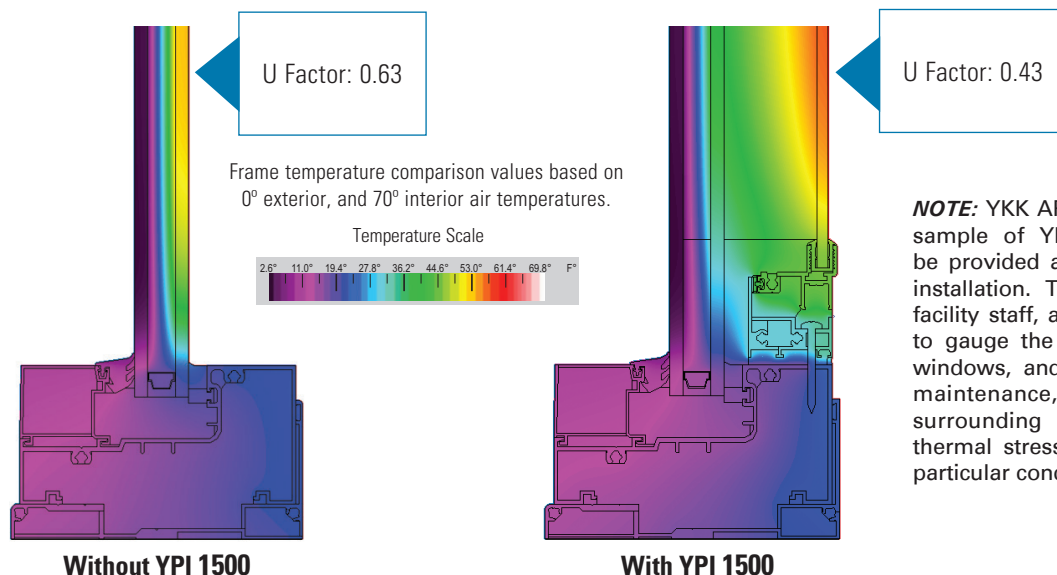
Quality
inspires®



SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
0"	1-1/2"	1" Clear Insulating Glass with 3/16" Glass in YPI 1500	0.10 CFM/FT ²	Static: 15 PSF (720 Pa) Dynamic: 15 PSF (720 Pa)	Varies depending on system and glass applied U-factor: 0.43 BTU/HR/FT ² /°F* CRF: Minimum of 66 on frame**	Varies depending on system and glass applied Std STC: 39 Std OITC: 31
Testing Standards			ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 100 & ** AAMA 1503	ASTM E 90 & ASTM E 1425
Optional Glazing			Standard 3/16", 1/4" Clear Tempered or 1/4" Laminated Glazing (1/8" Clear + 0.030 PVB + 1/8" Clear)			
Available Finishes			Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)			

THERMAL PERFORMANCE



NOTE: YKK AP recommends that a representative sample of YPI Interior access panel windows be provided at least one seasonal cycle prior to installation. This will allow building occupants, facility staff, and the design team an opportunity to gauge the effectiveness of interior accessory windows, and verify the suitability of operation maintenance, existing glass type(s), and surrounding conditions. Internal fogging and thermal stress in existing annealed glass are of particular concern.

THERMAL PERFORMANCE

2" x 4-1/2" NON-THERMAL STOREFRONT w/ YPI 1500

STOREFRONT GLASS TYPE	YPI 1500 GLASS TYPE	U-FACTOR	SHGC	VT
1/4" TEMPERED	—	1.07	0.73	0.78
1/4" TEMPERED	3/16" CLEAR	0.61	0.44	0.44
1/4" TEMPERED	3/16" SG500 #3	0.52	0.41	0.41
1/4" TEMPERED	3/16" SG600 #3	0.50	0.41	0.40

THERMAL PERFORMANCE

2" x 4-1/2" NON-THERMAL STOREFRONT w/ YPI 1500

STOREFRONT GLASS TYPE	YPI 1500 GLASS TYPE	U-FACTOR	SHGC	VT
1" CLR IG	—	0.63	0.63	0.68
1" CLR IG	3/16" CLEAR	0.43	0.47	0.53
1" CLR IG	3/16" SG500 #5	0.39	0.44	0.49
1" CLR IG	3/16" SG600 #5	0.38	0.43	0.48

ACOUSTICAL PERFORMANCE

4-1/2" NON-THERMAL STOREFRONT w/ YPI 1500

STOREFRONT GLASS TYPE	YPI 1500 GLASS TYPE	AIR SPACE	STC	OITC
1/4" TEMPERED	—	—	27	24
1/4" TEMPERED	3/16" TEMPERED	1-1/2"	39	31
1/4" TEMPERED	1/4" LAMINATED	1-1/2"	40	32
1" LAMINATED IG	1/4" LAMINATED	1-3/8"	43	35

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at:
www.ykkap.com/commercial/product/architectural-windows/yki-1500-access-panel/