

35H & 50H Doors

Impact Resistant and Blast Mitigating Entrance Systems

ProTek



YKK AP Hurricane & Blast Solutions

Product Description

Our standard pressure entrances are available in 3-1/2" medium and 5" wide stile versions. In addition to a comprehensive array of locking and hinging options, this product is available with monolithic or 1" insulating laminated glass. Mid rail and bottom rail options provide additional design flexibility for the specifier.

YKK AP has also addressed ongoing maintenance in abusive environments, such as schools and military bases. To reduce maintenance costs choose either rim panic exit devices combined with an impact rated aluminum removable mullion, or single point locks paired with flush bolts on the inactive panel. These institutional grade entrance systems provide maximum security under the most demanding conditions without the need for steel reinforcing. They also integrate with YKK AP's YHS storefront and YHC curtain wall framing systems.

Product Options & Features

- Large & Small Missile - To 90 psf
- Florida Product Approval - HVHZ
- Blast Mitigation Tested - ASTM F 1642
- YKK AP VersaJamb® Door Frame



**YKK
ap**®

Quality
inspires®



35H & 50H

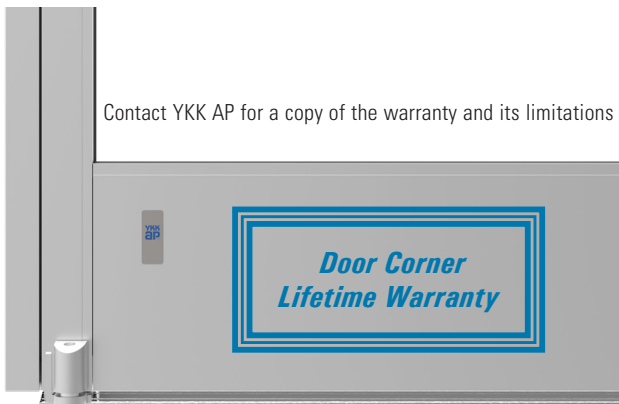
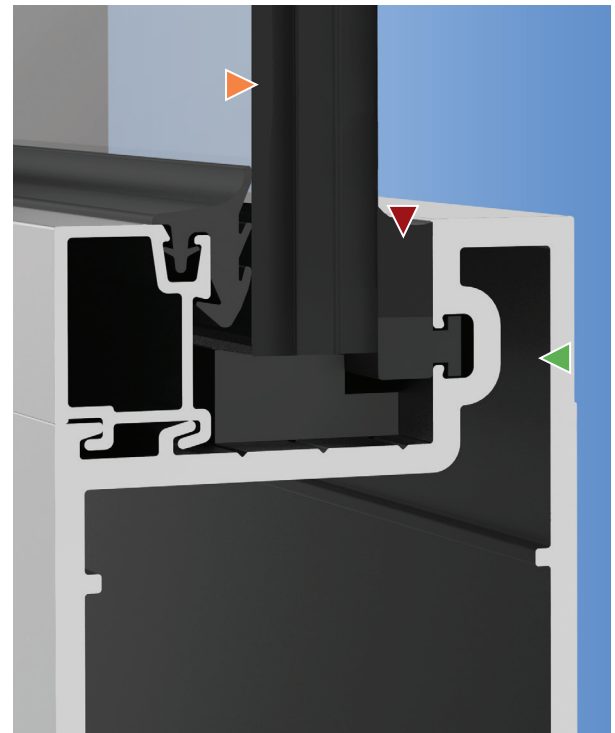
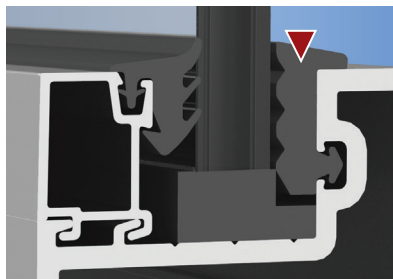
SYSTEM SPECIFICATIONS

System Style	Glass Config	Glass	Air Infiltration (Single Acting Butt Hinges or Offset Pivots)	Water Infiltration	Structural Load	Structural Performance
3-1/2" Medium 5" Wide	Center Set	9/16" Monolithic or 1" IGU with Low-E (C.O.G. U-factor: 0.29)	Single Doors: 0.50 CFM/FT ² Paired Doors: 1.00 CFM/FT ²	Static: 10.5 psf Dynamic: 10.5 psf	Up to 90 psf with Dry Glazing	Door corner structural strength shall be tested per YKK AP's dual moment test procedure and certified by an independent testing lab to ensure corner integrity and weld compliance. Certified test procedures and results are available upon request.
Testing Standards			ASTM E 283	ASTM E 331	ASTM E 330	ASTM E 330
Florida Product Approval and Texas Dept on Insurance Evaluation			Missile Level E, Large & Small Missile, HVHZ & ICC Compliant ASTM E 1886, E 1996 and TAS 201-203			
Available Finishes			Factory Anodized (AAMA 612) and Organic Paints (AAMA 2605)			

ENTRANCE SYSTEM CLOSER LOOK

- ▶ **Monolithic or IGU Glazing Pocket** - Monolithic and insulating glazing utilize different rail designs.
- ▶ **Thermal Performance** - Improved thermal performance can be achieved with Insulating Glass. Entrances have been thermally tested utilizing insulating glass with 0.29 center of glass "U" factor.
- ▶ **Glazing Options** - For reduced installation labor, dry glaze solutions (to 90 PSF) are available. Wet and Dry Glaze options are available for both hurricane impact and blast mitigation.
- ▶ **Integral Muntins** - For increased aesthetic possibilities Insulating Glass units can be ordered with internal muntins.

Wet Glazed option is shown in the larger image on the right.
Dry Glazed is shown in the smaller image on the left.



Standard Entrances

- Singles: 3'-0" x 7'-0" & 3'-0" x 8'-0"
- Pairs: 6'-0" x 7'-0" & 6'-0" x 8'-0"
- Rixson Pivot, Butt Hung and Continuous Hinge
- Single and 3-Point Locks for Single Doors, 5-Point Locks for Pairs
- Rim and CVR Exit Devices

Custom Entrances

- Singles: Up to 4'-0" x 8'-0" and 3'-6" x 9'-6"
- Pairs: Up to 8'-0" x 8'-0" and 7'-0" x 9'-6"
- Pairs: Up to 7'-0" x 8'-0" with Rim Panic
- Standard and Custom Hardware

Additional information including CAD details, CSI specifications, Test Reports and Installation instructions are available online at:
www.ykkap.com/commercial/product/entrances/35h/ www.ykkap.com/commercial/product/entrances/50h/