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Texas State Aquarium - Corpus Christi, TX

35H/50H

Impact Resistant and Blast Mitigating Entrance Systems

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 laminated insulating glass units.

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.

- 3-1/2" Medium & 5" Wide Stiles
- Single and Paired door options
- YKK AP VersaJamb®: reinforced tubular door frame allows for side-lite glazing without shear clips while maintaining the structural integrity of transom frames.
- Large & Small Missile up to 90 psf
- Florida Product Approval and HVHZ
- Blast Mitigation Tested - ASTM F 1642

Door Leaf:

Glazing	Glass Setting	Installation
Outside	Center Set	Single or Pair



35H/50H SPECS		
System Styles	3-1/2" - Medium and 5" - Wide	
Config	Outside Glazed / Center Set	
Tested Glass	9/16" Mono or 1" Lam IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	Single: 0.50 CFM/FT ² (1.10 m ³ /h·m ²) Pair: 1.00 CFM/FT ² (1.10 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 10.5 PSF (479 Pa) Dynamic: 10.5 PSF (479 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Standard STC: 32 Standard OITC: 30	ASTM E 90 ASTM E 1425
	Laminated STC: 34 Laminated OITC: 31	
Structural Uniform Load	Up to 90 psf with Dry or Wet Glazing *May change based on hardware and glass	ASTM E 330

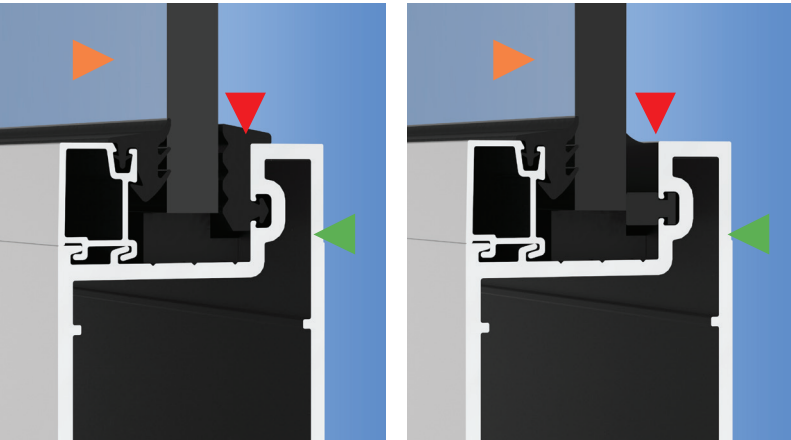
Entrance Hardware	Standard: Single: 35H: 3' x 7' 50H: 3' x 8' Pair: 35H: 6' x 7' 50H: 6' x 8' Offset Pivot, Butt/Continuous Hinge, Single/3-Point Locks for Single Doors, 5-Point Locks for Paired Doors, Rim and CVR Exit Device
	Custom: Single: 35H: 4' x 8' 50H: 3'-6" x 9'-6" Pair: 35H: 8' x 8' 50H: 7' x 9'-6" Standard and Custom Hardware

Midrail Sizes	Glass Sizes
5-3/4", 9-1/8" and 12"	9/16" Monolithic IGU and 1" Laminated IGU

Finish Options		Product Approvals	
Type	Standard	Missile Level E	Large/Small Missile
Factory Anodized	AAMA 612	Hurricane HVHZ	International ICC
Organic Paints	AAMA 2605	Florida FBC	Texas TDI

You can view all of our standard entrance hardware options by selecting the entrance hardware data sheets on our product guide at www.ykkap.com

A Closer Look at our Impact Doors



Dry Glazed

Wet Glazed

- 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 (up 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 grids.



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