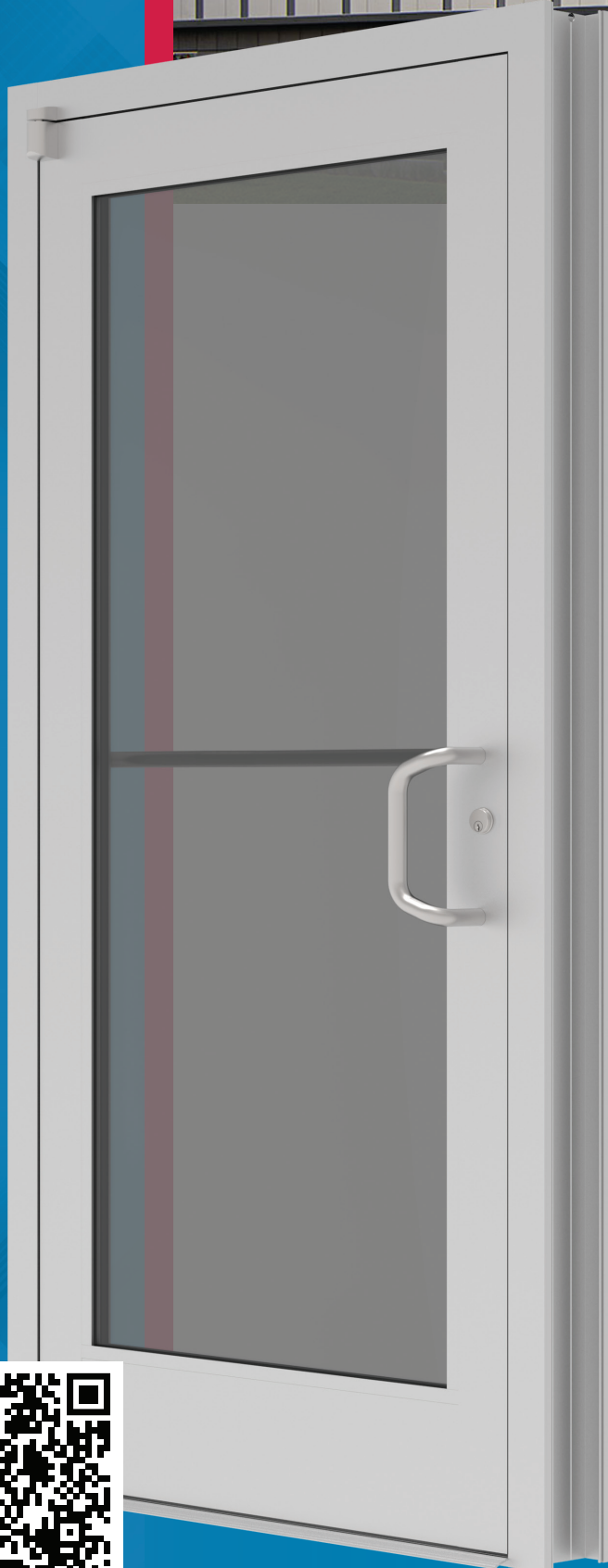


# YKK AP<sup>®</sup>

www.ykkap.com

**ProTek**  
YKK AP Hurricane & Blast Solutions



Jabril New Roosevelt Building - St. Petersburg, FL

## 35HL/50HL

### Low Pressure, Impact Resistant Commercial Entrance Systems

Stop trading off quality for low price when specifying impact entrances and storefront systems. Our **Model 35HL/50HL** impact resistant doors are a practical solution for high traffic storefront and low profile building applications where hurricane impact resistance is required. These doors are configured to provide the sizes, options and fast delivery required for fast food and low rise retail projects. 35HL/50HL doors offer you the quality you have come to expect and the performance you require, without the extra options that can add to the cost.

- 3-1/2" Medium & 5" Wide Stiles
- Single and Paired door options
- YKK AP VersaJamb<sup>®</sup>: 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 50 psf
- Florida Product Approval and HVHZ

#### Door Leaf:

Glazing	Glass Setting	Installation
Outside	Center Set	Single or Pair



35HL/50HL SPECS		
<b>System Stiles</b>	3-1/2" - Medium and 5" - Wide	
<b>Config</b>	Outside Glazed / Center Set	
<b>Tested Glass</b>	9/16" Monolithic (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
<b>Air Infiltration</b>	<b>Single:</b> 0.50 CFM/FT <sup>2</sup> (1.10 m <sup>3</sup> /h-m <sup>2</sup> ) <b>Pair:</b> 1.00 CFM/FT <sup>2</sup> (1.10 m <sup>3</sup> /h-m <sup>2</sup> ) @ 6.24 PSF (299 Pa)	ASTM E 283
<b>Water Infiltration</b>	<b>Static:</b> 10.5 PSF (479 Pa) <b>Dynamic:</b> 10.5 PSF (479 Pa)	ASTM E 331 AAMA 501
<b>Structural Uniform Load</b>	Up to 50 psf with Dry Glazing <i>*May change based on hardware and glass</i>	ASTM E 330

<b>Entrance Hardware</b>	<b>Standard:</b>
	<b>Single: 35HL:</b> 3'-6" x 7' <b>50HL:</b> 3'-6" x 7' <b>Pair: 35HL:</b> 7' x 7' <b>50HL:</b> 7' x 7' Offset Pivots or Butt Hinges, Single/3-Point Locks for Active Leaf, Flush Bolts on Inactive Leaf, Smart Series Push/Pulls, CVR Exit Device

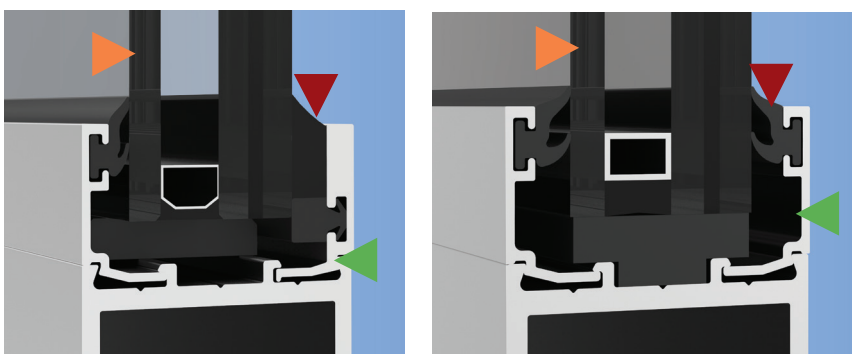
Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2605

Product Approvals	
Missile Level E	Large/Small Missile
Hurricane HVHZ	International ICC
Florida FBC	Texas TDI

Structural Performance
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.

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](http://www.ykkap.com)

## A Closer Look at our Impact Doors



WET GLAZED

DRY GLAZED

- Monolithic or IGU Glazing Pocket** - Monolithic and Insulating Glazing use different glass stops with the same door leaf.
- Thermal Performance** - HL Series entrances meet requirements of the 2015 IECC for all climate zones, when tested with 0.31 cog U-Factor.
- Glazing Options** - For reduced installation labor, dry glaze solutions (to 50 PSF) are available. Wet and Dry Glaze options are available for the SentryGlas® and PVB.

.060" PVB	Dry Glaze	SMI-Monolithic and IGU
.090" PVB	Wet Glaze	LMI-Monolithic and IGU
.090" SG	Dry Glaze	LMI-Monolithic and IGU

**Integral Muntins** - For increased aesthetic possibilities Insulating Glass units can be ordered with internal muntins.

**SentryGlas® is a trademark of Kuraray Corporation**



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](http://www.ykkap.com/commercial/productguide)