

# 35HL & 50HL Doors

Low Pressure and Impact Resistant Entrance Systems

ProTek



YKK AP Hurricane & Blast Solutions

## Product Description

Stop trading off quality for low price when specifying impact resistant storefront systems. Models 35HL/50HL Impact resistant doors are a practical solution for high traffic storefront and low profile building applications where hurricane impact resistance is required. HL Series 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 extras that add to the cost.

## Product Options & Features

- Large & Small Missile - To 50 psf
- Florida Product Approval - WZ3 & HVHZ
- YKK AP VersaJamb® Door Frame
- Low maintenance MS 1850 Single Point Lock qualified for HVHZ
- ADA compliant Air Threshold
- Energy Code compliant and meets 2012 IECC for all Climate Zones



**YKK  
ap**®

Quality  
inspires®



# 35HL & 50HL

## SYSTEM SPECIFICATIONS

System Stile	Glazing & Config	Glass	Air Infiltration (Single Acting Butt Hinges or Offset Pivots)	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: 0.31)	Single Doors: 0.50 CFM/FT <sup>2</sup> Paired Doors: 1.00 CFM/FT <sup>2</sup>	Up to 50 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 330	ASTM E 330
Florida Product Approval			WZ3 & HVHZ ASTM E 1886 & E 1996, TAS 201-203		
Available Finishes			Factory Anodized (AAMA 612) and Organic Paints (AAMA 2605)		

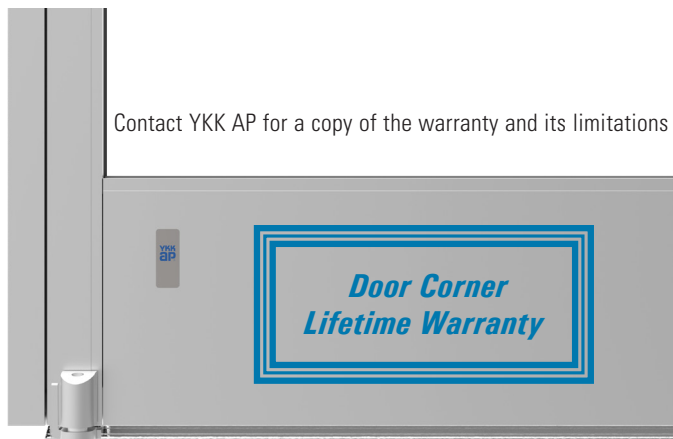
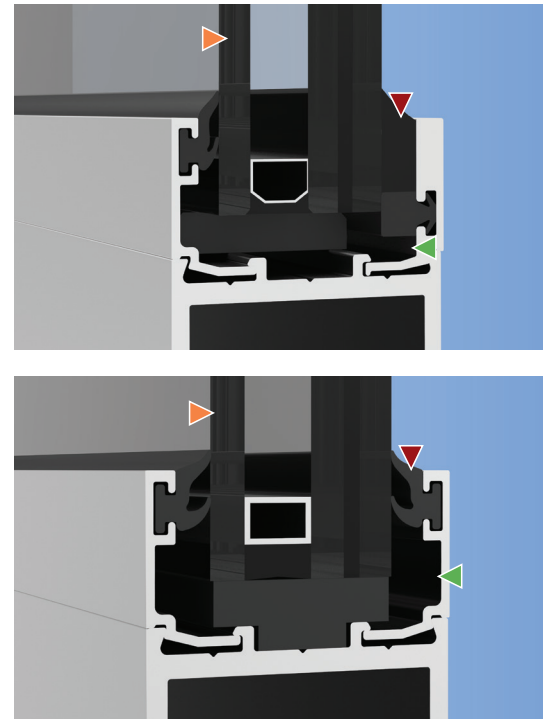
## ENTRANCE SYSTEM CLOSER LOOK

- ▶ **Monolithic or IGU Glazing Pocket** - Monolithic and Insulating Glazing 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 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.

Wet Glazed is shown in the top image. Dry Glazed is shown on the bottom.



Contact YKK AP for a copy of the warranty and its limitations

## Standard Entrances

- Sizes to:  
Singles: 3'-6" x 7'-0"  
Pairs: 7'-0" x 7'-0"
- 2 Offset Pivots or 2 Butt Hinges
- MS 1850 Single Locks on Active Leaf
- Flush Bolts on Inactive Leaf
- Smart Series Push/Pull
- Concealed Vertical Rod Exit Device
- 8" or 10" Bottom Rail
- Surface Mounted Closer Available
- Non Standard Sizes

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