



www.ykkap.com



Riverside Epicenter Complex - Austell, GA

# 20D/35D/50D

## Narrow, Medium and Wide Stile Commercial Entrance Systems

Entrance systems by YKK AP offer an abundance of design options. VersaJamb®, our unique reinforced tubular door frame, allows for side-lite glazing without clips while maintaining the structural integrity of transom frames. Our doors are also tested well above industry standards to ensure door quality.

Door corners are mechanically joined and welded to ensure that they are more than capable of withstanding today's most demanding conditions. Standard hardware options include the Smart Series Push/Pull and touch bar exit devices. Custom entrances are available with options for one inch glazing, mid rails, high bottom rails and will accommodate most custom hardware.

- 2-1/2" Narrow, 3-1/2" Medium & 5" Wide Stiles
- Single and paired door options
- Single or double acting options
- Integrates seamlessly with a variety of YKK AP storefront and curtainwall systems
- Standard and custom hardware options
- Variety of mid-rail and bottom-rail size options
- Lifetime warranty on door corners and California compliant option
- Various glazing options available including: 1/4", 1/2", 3/8", 3/4" and 1"

### Door Leaf:

Glazing	Glass Setting	Installation
Inside/Outside	Center Set	Single or Pair



20D/35D/50D SPECS		
<b>System Stiles</b>	2" - Narrow, 3-1/2" - Medium, and 5" - Wide	
<b>Door Config</b>	Outside Glazed / Center Set	
<b>Tested Glass</b>	1" IGU with Low-E (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>Structural Uniform Load</b>	<b>20D Door</b> <b>Single:</b> 35 PSF <b>Pair:</b> 35 PSF <b>35D Door</b> <b>Single:</b> 50 PSF <b>Pair:</b> 50 PSF <b>50D Door</b> <b>Single:</b> 60 PSF <b>Pair:</b> 60 PSF	ASTM E 330
<b>Structural Performance</b>	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.	

Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

Midrail Sizes
3/4", 3-7/16", 7-5/16" and 10"
Glass Sizes
3/16", 1/4", 3/8", 1/2", 5/8", 3/4" and 1"

Stocked Entrances			Custom Entrances	
20D Entrances	<b>Single Doors:</b> 3'-0" x 7'-0" 3'-6" x 7'-0"	<b>Paired Doors:</b> 6'-0" x 7'-0"	20D, 35D or 50D Entrances	<b>Single Doors or Paired Doors:</b> Up to 8'-0" tall*
Offset Pivot, Center Pivot and Butt Hinge hanging options MS Locks, and CVR Exit Device (CVR for Offset Pivots only)			All of our standard and most custom hardware options are available for use  *Custom Entrance Sizes over 8'-0" may be possible with YKK AP Engineering approval.	

### Bi-Fold and Showroom Doors

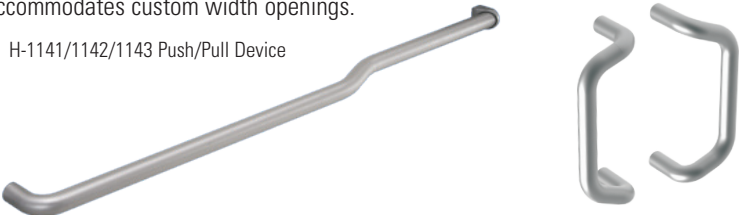
We now offer standard options to turn our 20D, 35D and 50D entrances into a bi-fold or showroom door. A bi-fold door uses a continuous hinge to completely open the door and stack it off to the side of the doorway. Our showroom doors are extremely wide options to swing the door out, letting large objects, such as demo vehicles into a building. Drawings and a separate data sheet for the bi-fold/showroom options are available on the product guide and/or our design manual at [www.ykkap.com](http://www.ykkap.com).

## Standard Entrance Hardware

### Smart Series Push/Pull Devices

The one inch diameter push/pull provides flexibility and occupant safety. The pull handle is open to permit access to the lock cylinder, but is slightly angled to provide a uniquely modern look. The push bar starts at the locking stile, but then has an ergonomic "S-Bend" toward the locking stile to bring the bar closer to the door where it is captured by an end cap. This innovative push bar also accommodates custom width openings.

H-1141/1142/1143 Push/Pull Device



H-1341/1541/1542 Pull Handles

### Exit/Panic Devices

The modern and economical standard touch bar exit devices are ideally suited for all applications that require emergency egress. The devices are ANSI Grade 1, carry the UL label and are approved for Life Safety. Both the rim and concealed devices feature single point dogging and are available with electric actuation.

P-54453 Rim Panic Device



P-52497 CVR Panic Device

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)



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)