

# Interior Demountable Walls



**Holoform®**

*Reliability through innovation.*



# Interior Demountable Walls

## Holoform: Building Reliability Through Innovation

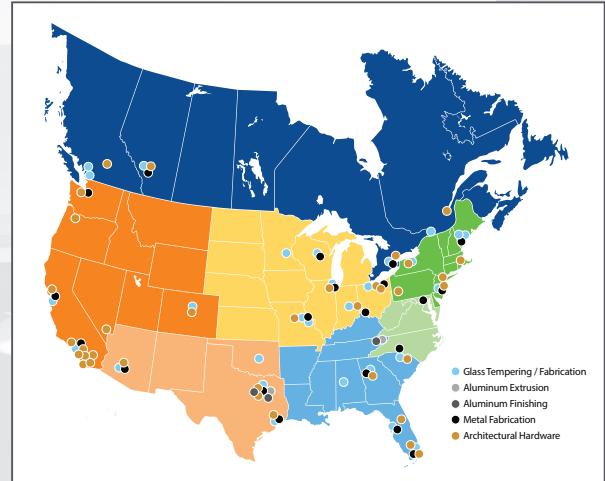
Holoform is an interior demountable wall brand of Oldcastle BuildingEnvelope® a CRH company, and part of the largest manufacturer of building materials in North America. With a strong construction knowledge-base, as well as manufacturing locations in 23 states and 4 Canadian provinces, Oldcastle BuildingEnvelope provides Holoform with the resources to offer the first US manufactured, sole-sourced and vertically integrated interior demountable wall product available on the market.

Architects and designers, facility managers, developers, glaziers and general contractors are faced with very different needs, objectives and goals when contemplating the choice of an interior demountable wall system. The Holoform system was created to offer a European slim profile look with superior installation benefits to assure a complementary aesthetic appeal with a best in class installation process, resulting in lower total project cost.

### Sole-Source Vertically Integrated Manufacturing

No other interior demountable wall brand can make the claim that they manufacture, fabricate and assemble their own product. Holoform can make this claim, without any reservations. Holoform tempers, fabricates, finishes and polishes glass; engineers, pushes, finishes and fabricates aluminum extrusions; and is a comprehensive hardware component supplier.

Given Holoform's 28 glass tempering and fabrication locations, 2 aluminum extrusion locations, 3 finishing locations, 20 fabrication locations and 32 hardware distribution locations Holoform is uniquely positioned to meet LEED requirements by having manufacturing facilities within 500 miles of all major metropolitan locations. This translates into reduced greenhouse gas emissions on shipping, as well as an efficient delivery and staging process for every Holoform project.



Holoform's comprehensive network of manufacturing, finishing, and hardware distribution locations provides unparalleled access and coverage across North America.

### Value-Priced European Slim Profile System

Aesthetics played an integral role in the design of the Holoform interior demountable wall system. Knowing that architects and designers prefer and desire clean and contemporary aesthetics and the ability to meet client branding standards, Holoform designed an interior wall system that is beautiful, functional and offers customization opportunities at a value price.

### Total Project Cost Improvement

The installation of interior demountable walls can be difficult due to uncontrollable site conditions and variances or from measurement errors. Holoform was designed with the input of general contractors, glaziers and installers to dramatically minimize many potential installation issues. A variety of proprietary product features are designed into the Holoform system to help speed the installation process, provide best in class vertical error tolerance to adapt efficiently to inconsistent building conditions, and help improve project completion timeframes by 20-25%.



# Interior Demountable Walls

## The Holoform System

### A Value-Priced Slim European Profile System



Holoform's demountable glass wall system can be designed and configured to support a wide range of functional uses.

Holoform interior demountable glass walls deliver on today's workplace needs and offer the benefits of providing a cost-effective means to upgrade and refresh interior spaces, maximizing and opening up spaces in rooms, boosting the use of natural light, and lowering the cost of ownership. The system can be designed and configured to support a wide range of functional uses, as well as deliver a clean European aesthetic.

The Holoform system can be counted on to consistently deliver structural stability, design integrity across extrusions, connectors and hardware, and uniform integrity between single and double-glazed applications.

#### Vertical Industry Use:

- Corporate and Business Services
- Higher Education
- Healthcare
- Government
- Retail

#### Acoustic Performance

The Holoform system has extremely competitive STC ratings for both single and double-glazed applications. Unique to Holoform's interior demountable wall is its unique ability to deliver improved soundproofing on sliding doors. Holoform sliding doors seal into the frame, creating a consistent STC rating within an enclosed space.

#### Interior Demountable Wall Type

##### Single-Glazed

- 3/8" Tempered
- 1/2" Tempered
- 9/16" Laminated Tempered

##### Double-Glazed

- 3/8" & 3/8" Tempered
- 3/8" & 1/2" Tempered
- 1/2" & 1/2" Tempered
- 9/16" & 9/16" Laminated Tempered



**Holoform®**

Reliability through innovation.

W Holoform.com

P 833-473-3986

HOL.11180819.POD



# Interior Demountable Walls

## Single-Glazed

### An Interior Demountable Wall With a Slim European Aesthetic

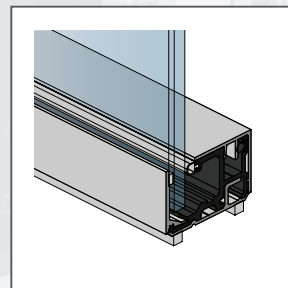


Holoform's slim European profile provides an aesthetically pleasing choice for interior commercial spaces.

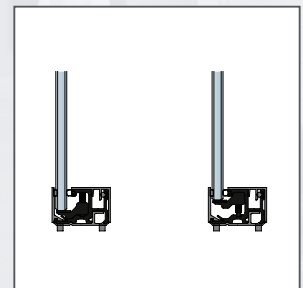
Holoform's single-glazed walls are a great alternative to traditional construction and offer an aesthetically pleasing architectural choice for interior commercial spaces. A wide variety of configurations can be designed, specified and installed to support productive and open work environments, optimize floor space, and create healthier and more enjoyable work environments.

#### Applications:

- Office Fronts
- Small, Medium and Large Offices
- Small, Medium and Large Conference Rooms
- Huddle Rooms
- Phone Booths
- Team Rooms
- Feature Walls



Holoform's single-glazed extrusion profile.



Holoform's patented integral leveling system.



**Holoform**<sup>®</sup>

*Reliability through innovation.*



# Interior Demountable Walls

## Double-Glazed

### Enhanced Acoustic Performance Within a Slim European Profile

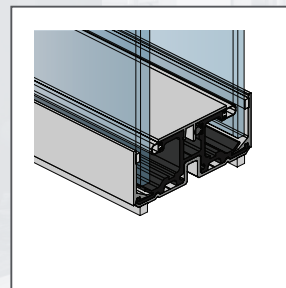


Achieve enhanced acoustical performance with Holoform's double-glazed wall system.

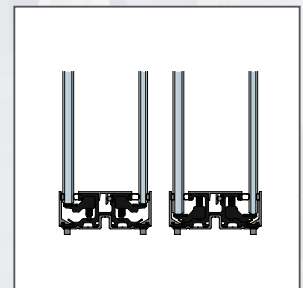
Holoform's double-glazed walls offer enhanced acoustic performance within a slim profile to create an elegant workplace aesthetic. An array of double-glazed options are available to create the privacy needed to meet desired acoustic outcomes within work spaces.

#### Applications:

- Office Fronts
- Small, Medium and Large Offices
- Small, Medium and Large Conference Rooms
- Huddle Rooms
- Phone Booths



Holoform's double-glazed extrusion profile.



Holoform's patented integrated leveling system.



**Holoform**<sup>®</sup>

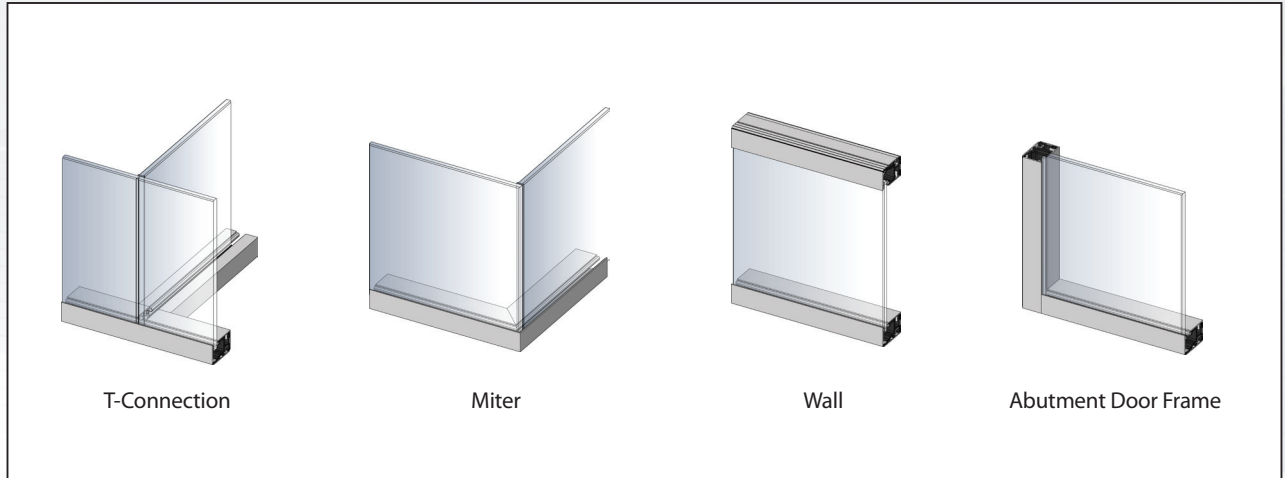
Reliability through innovation.

# Interior Demountable Walls

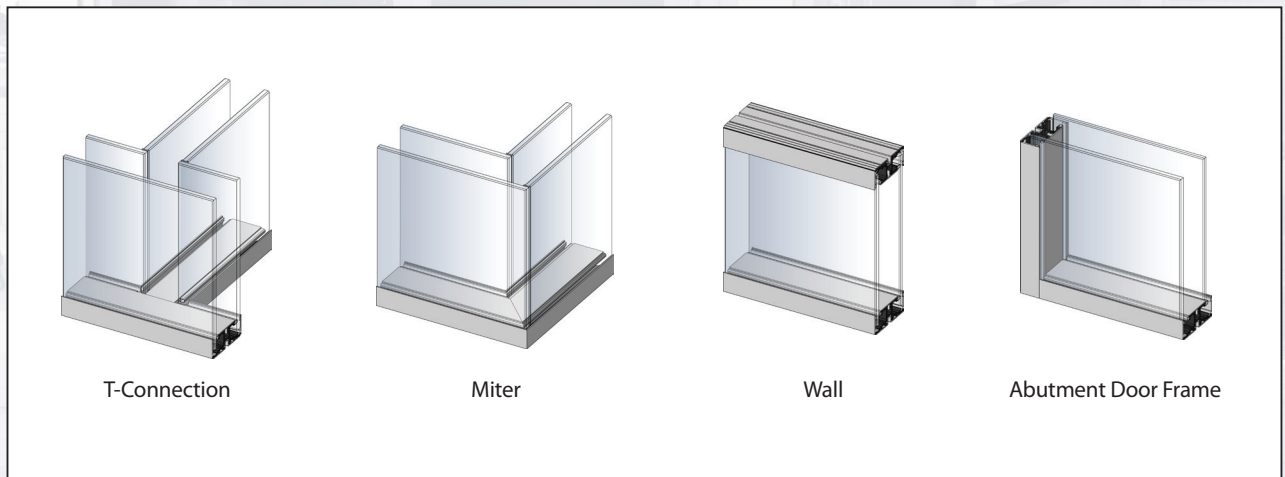
## Holoform System Connectors/Junctions

Holoform utilizes copolymer strip joints to form abutment, corner, 2 and 3-way, 90°, 135° and 180° connections.

### Single Wall



### Double Wall





# Interior Demountable Walls

## Holoform Door Types

### Swing



### Slider



# Interior Demountable Walls

## Holoform Product Features

	Features	Holoform
<b>System Type</b>	Frameless	✓
	Framed	✓
<b>Connectors/Junctions</b>	2-way	✓
	3-way	✓
	Abutment Door	✓
	90° Joint	✓
	135° Joint	✓
	190° Joint	✓
<b>Glass Options</b>	3/8" Single-Glazed Tempered	8'-6" max height
	1/2" Single-Glazed Tempered	✓
	9/16" Single-Glazed Laminated Tempered	.060" PVB innerlayer
	3/8" & 3/8" Double-Glazed Tempered	8'-6" max height
	3/8" & 1/2" Double-Glazed Tempered	8'-6" max height
	1/2" & 1/2" Double-Glazed Tempered	✓
<b>Glass</b>	9/16" & 9/16" Double-Glazed Laminated Tempered	.060" PVB innerlayer
	Clear Tempered	3/8", 1/2"
	Low Iron Tempered	3/8", 1/2"
	Laminated Tempered	9/16"
	High Acoustic Interlayer Monolithic	✓
	Custom Surface Treatments	✓
<b>Glass Size Parameters</b>	Designer Glass	✓
	Height	10'-0"
	Width	4'-0" is standard, 5'-0" is max
<b>Door Types</b>	Pivoting/Hinged (left/right)	✓
	Sliding	✓
	Frameless Glass	9'-0" max height, 4'-0" max width
	1 3/4" Aluminum Framed	9'-0" max height, 4'-0" max width, wide stile
	1 3/4" Solid Core Wood (Birch or Red Oak Veneer)	Walnut & Birch Stain, 10'0" max height, 4'0" max width
<b>Hardware</b>	Pull Handles	Straight Pull, Offset Pull
	Ladder Pulls (Back to Back)	8", 24", 36", 48", 60", 72", 84" Non-locking 48", 60", 72", 84" Locking
	Lever Locks	Grade 1 & 2 Lever Lock Sets, Entrance, Storeroom & Classroom
	Lever Latch	Grade 1 & 2 Lever Lock Sets, Passage & Privacy
	Accessories	Drop Seal, Electronic Strike, Floor Stop, Roller Catch & Surface Mounted Track Closer
	Hinges	Butt & Floating
	Finishes	Clear Anodized, Black Anodized, Satin Anodized, Dark Bronze Anodized, Satin Chrome, Oil Rubbed Bronze, Brushed Stainless Steel & Matte Black Paint
<b>System Finishes</b>	Anodized Paint	Clear, Black & Dark Bronze Matte Black, Charcoal Gray, Pewter Gray, Fashion Gray, Champagne Gold, Bone White, Colonial White, Copper Penny, Redwood & Military Blue Available Only in Paint
	Custom	
<b>Warranty</b>		10-Year Limited



**Holoform**<sup>®</sup>  
Reliability through innovation.

W Holoform.com

P 833-473-3986

HOL.11180819.POD



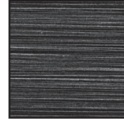
# Interior Demountable Walls

## Standard Finishes

### System Profile Finishes Anodized



Clear Anodized #204



Black Anodized #760



Dark Bronze Anodized #740

### System Profile Finishes Paint (Valspar)



Matte Black #398A1986



Charcoal Gray #392F232



Pewter #399B026



Fashion Gray #392F217



Champagne Gold #399A540



Bone White #391X035



Colonial White #391A500



Copper Penny #399B101



Redwood #394F125

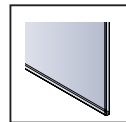


Military Blue #396F221

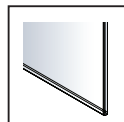


Custom Paint to Spec

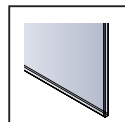
### Glass



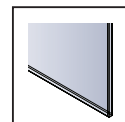
Clear Tempered



Low Iron Tempered

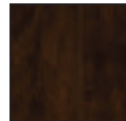


Laminated Tempered



High Acoustic Interlayer Monolithic

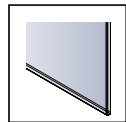
### Doors



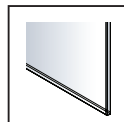
Walnut Stain



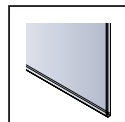
Birch Stain



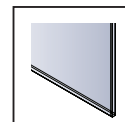
Clear Tempered



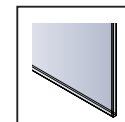
Low Iron Tempered



Laminated Tempered



High Acoustic Interlayer Monolithic

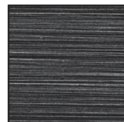


IGU Clear Tempered

### Hardware Finishes Anodized



Clear Anodized #204



Black Anodized #760



Dark Bronze Anodized #740



Satin Anodized #628

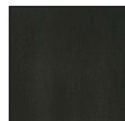
### Hardware Finishes Metal



Brushed Stainless Steel #700



Satin Chrome #682



Oil Rubbed Bronze #704

### Hardware Finishes Paint



Matte Black Paint #398A1986



**Holoform**<sup>®</sup>  
Reliability through innovation.

# Interior Demountable Walls

## Competitive Characteristics

	Holoform	Domestic Competition	European Competition
<b>PRODUCT CHARACTERISTICS:</b>			
Slim Profile European Look	✓	Select Few	✓
Division 10 Stick-Built System	✓	✓	✓
Frameless	✓	✓	✓
Framed	✓	✓	✓
Custom Extrusions/Faceplates	✓	NA	NA
Single-Glazed	✓	✓	✓
Double-Glazed	✓	✓	✓
Custom Glass Surface Treatments	✓	✓	✓
Decorative Glass	✓	✓	✓
Range of Anodized and Paint Finishes	✓	✓	✓
Custom Finishes Within Normal Delivery Timeframes	Paint	NA	NA
Finish Integrity Across All Components	✓	NA	NA
Doors	Glass, Wood & Aluminum	Glass, Wood & Aluminum	Glass, Wood & Aluminum
Pre-Assembled Door Frame Kits	✓	NA	NA
Pre-Cut Miters	✓	NA	NA
Sliding Doors Seal Into Frame Creating Consistent STC Rating	✓	NA	NA
Pre-Tapped Level Assembly	✓	NA	NA
Warranty	10-Year Limited	2 to 10-Years, Lmtd. Lifetime	5 to 10-Years
<b>MANUFACTURING CHARACTERISTICS:</b>			
Manufactured in USA	✓	NA	NA
Fabricated/Finished/Assembled in USA	✓	✓	NA
Sole-Sourced Product Line	✓	NA	NA
Tempered Glass Manufacturer	✓	NA	NA
Aluminum Extrusion Manufacturer	✓	NA	NA
Door Manufacturer	✓	NA	NA
Component Hardware Supplier	✓	NA	NA
Just-In-Time Holistic Integrated Manufacturing Process	✓	NA	NA
<b>PROJECT MANAGEMENT CHARACTERISTICS:</b>			
Single Point-of-Contact	✓	NA	NA
Real-Time Project Tracking Dashboard	✓	NA	NA
<b>SUSTAINABILITY CHARACTERISTICS:</b>			
Recycled Content - Aluminum	25%	Select Few	Select Few
Recycled Content - Hardware	50%	Select Few	Select Few
Recyclable Products	100%	100%	100%
Low Emitting Materials	✓	✓	✓
Regional Manufacturing Facilities Minimizes Environmental Impact	✓	NA	NA
<b>INSTALLATION CHARACTERISTICS:</b>			
Certified Installation Teams	✓	✓	✓
Integrated Leveling	✓	Select Few	NA
Installation	Side Load	Lift & Drop or Lift & Set	Lift & Drop, Lift & Set, Side Load
Level Movement in Base	+/- 1/2" (width & height)	0"	0"
Use of Starter Track	✓	Select Few	Select Few
De-Coupled Face for Interior Profile Accessibility	✓	NA	NA
Integrated Corner Connections	✓	NA	NA
Installation Time Savings over Competitors	20-25%	-	-
Regional Manufacturing Facilities Minimizes Shipping Timeframes	✓	NA	NA

