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EXZACT®

Stand-Alone Wall System Solution



# EXZACT®

**ExZact®** was designed as a stand alone wall system solution, or to be the structural skeleton of a hybrid technology solution to custom exhibitry. Hybrid technology combines the multifunctional capabilities of removable wall panels, and the design flexibility and modularity of the ExZact system, with the freedom of form and architectural elegance of custom components.

**ExZact®** delivers high performance at competitive costs. It is a custom modular wall technology with a uniquely simple connection method and few parts.

The availability of custom frame sizes, five standard radii, and the ability to customize and interchange infill panels frees the designer to be creative.

**ExZact®** properties can be integrated into ExpoDeck for multi-level exhibits.

**ExZact®** is fully supported throughout the life of the product by our engineering staff, and carries a lifetime guarantee.

Send us a concept sketch and we will engineer an **ExZact®** solution to your design.



# FEATURES AND BENEFITS

## **Aluminum Structure**

- > Lightweight durable construction.

## **Ease of Assembly**

- > Reduces labor costs on setup and teardown up to 50%.

## **Fully Modular**

- > Unlimited design possibilities.

## **Panel Interchangeability**

- > Reduces capital costs. Inventories are reduced without sacrificing design flexibility because wall frames are multifunctional.

## **Hidden Horizontal and Vertical Wire Management**

- > Wires can be completely hidden, even after assembly.

## **Strength**

- > Can support heavy product.
- > Provides shear strength for second deck structures like ExpoDeck.

## **Simplicity**

- > Few parts.
- > Short learning curve on setup.

## **Custom Sizes**

- > Design freedom.
- > Compatibility with existing properties.

## **Low Cost Changes**

- > Aesthetics and function can be changed inexpensively by replacing the infill panels or finishing the reverse side.

## **Lifetime Warranty**

- > Eliminates replacement costs.

## **Value Added**

- > Custom builders can furnish infill panels and custom components.

## **Engineering Support**

- > Quick answers to your application problems.

## **Narrow Walls**

- > More walls per crate than custom.

# WALL FRAMES



**R-18.5**  
inside radius  
90 deg. arc



**R-37**  
inside radius  
60 deg. arc



**R-55.5**  
inside radius  
45 deg. arc

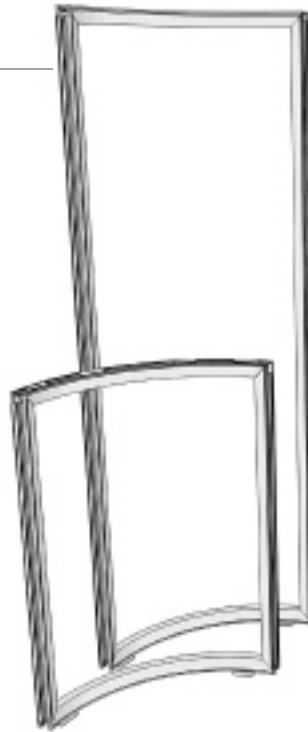


**R-74**  
inside radius  
45 deg. arc



**R-111**  
inside radius  
22.5 deg. arc

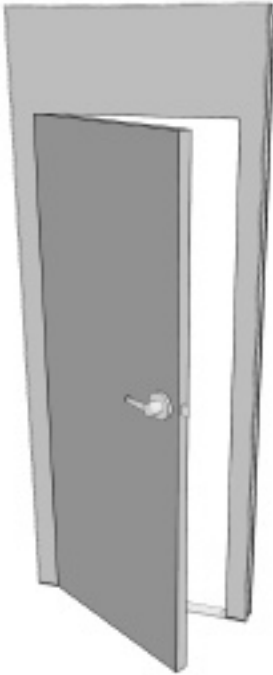
**Radius**



**Straight**



- > The extruded aluminum frames are typically powder coated or clear anodized.
- > A removable snap cap on the top rail permits the changing of infill panels. ExZact is suitable for heavy product mounting directly to the frames or joining extrusions.
- > Typical sizes are up to 94" high and up to 47.5" wide.
- > Custom sizes are available.
- > Seamless version also available.
- > Standard radii frames include: 18.5", 37", 55.5", 74", and 111". (inside radius)
- > Standard straight frames include: 18.5", 37", 44.25", 47.5".



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### Door infill panels

- > A door frame has the same top rail and snap cap as the standard wall frame.  
The lockrails are modified to attach an aluminum threshold.

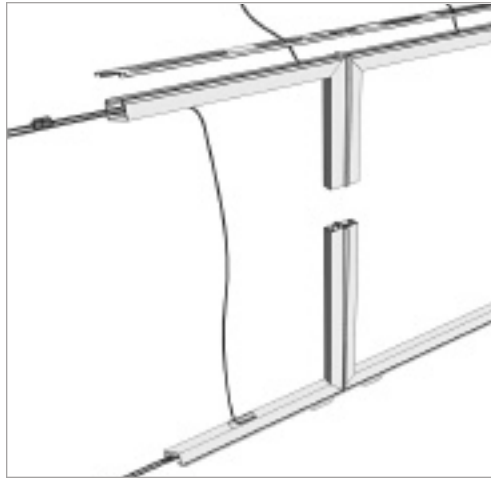


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### Wall infill panels

- > Infills are a custom element of the EXZACT system, often supplied by the exhibit builder/specifier. Infills can be 3-dimensional, 2-sided, or multifunctional (i.e. monitor wall, acrylic wall, light box wall, full bleed graphic, closet, slat wall, shelving wall, etc.)
- > Standard infills are typically 6mm (1/4") material. They are easily changed by lifting off the snap cap and sliding the infill panels in or out of the frame.
- > Infills for ExZact wall frames should be cut as follows: (frame height - 3/16") x (frame width - 3/16")

# WIRE MANAGEMENT CAPABILITIES



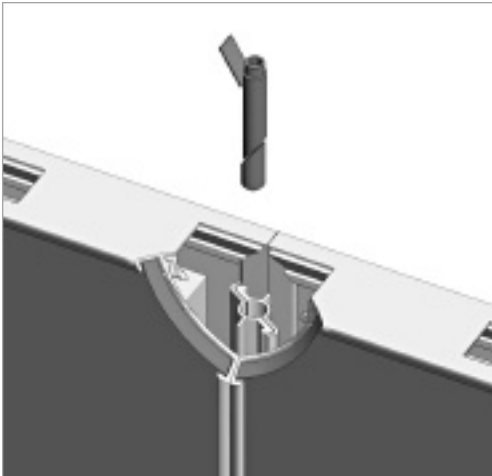
Horizontal wire runs across the top of the walls in the top rail. Vertical wire runs through the inside of the frames or some of the extrusions. Wiring inside the walls is accessed by removing the infill panel. Horizontal wire runs under the wall, perpendicular and parallel to the wall.

# CONNECTOR PINS

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## Top pin

Used to connect the top of adjacent frames or extrusions.



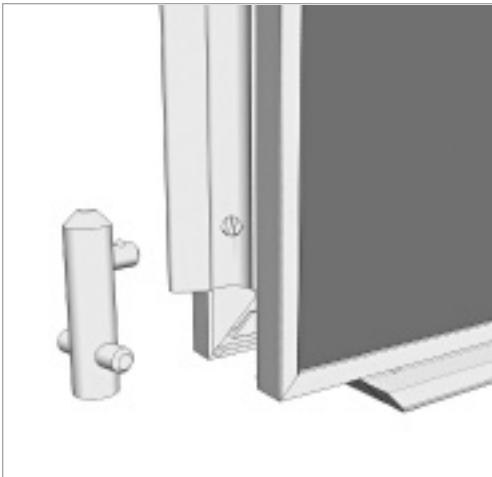
## Structural top pin

All steel construction. It is used to provide a rigid connection between a frame and extrusion.

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## Bottom pin

Used to connect the bottom to adjacent frames, or frame extrusion. It is independent of the floor and can be used with adjustable feet. A spring loaded ball holds the pin in position to facilitate setup. The bottom pin can stay with the frame.

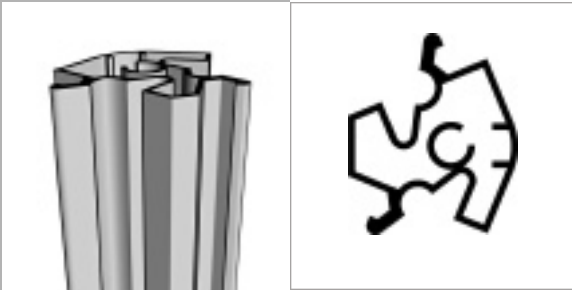


## Bottom pin

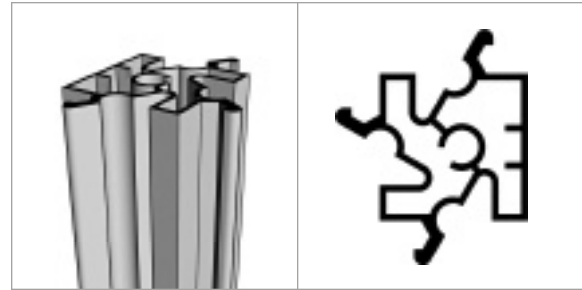
Aluminum with steel dowels

# JOINING CONNECTOR

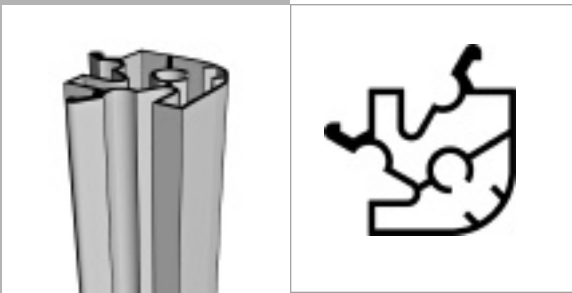
ExZact frames connect directly together in line. When you want to change direction, you use a joining connector. Joining connectors are used for fixed angle, variable angle (with pivot pin top and bottom), and multi-wall connectors



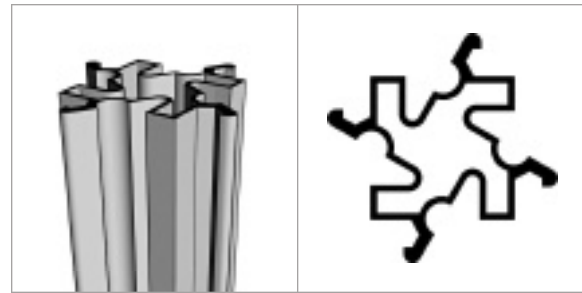
45 Degree



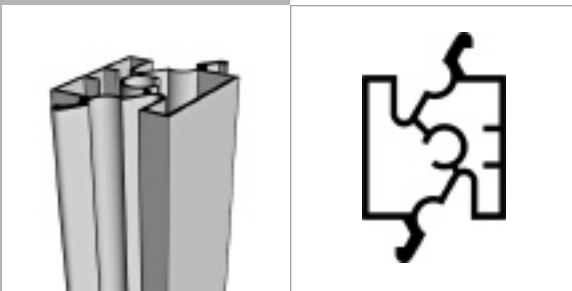
**3-Way** A fourth frame can be connected at a variable angle using a pivot pin positioned in the center hole.



90 Degree



**4-Way** Aluminum finish only. Component not visible.



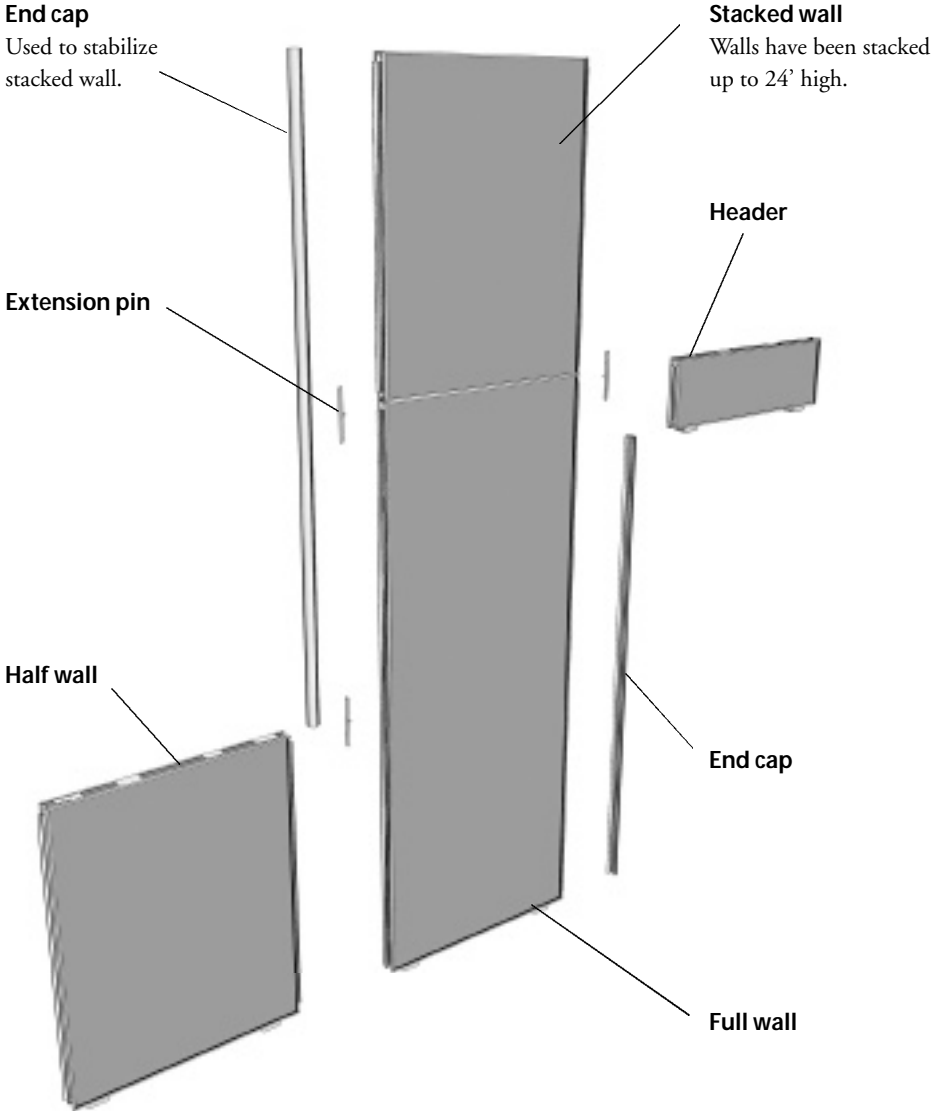
180 Degree

Used to add 2.25" wall thickness or to stabilize long runs of stacked walls.



**End Cap** Finishes the exposed end of a frame. Two end caps and two pivot pins provide a variable angle connection between two frames.

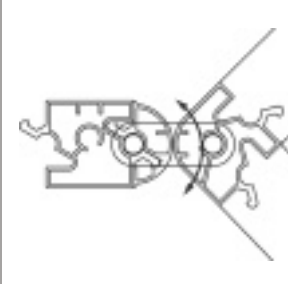
# STACKING EXZACT®



**Extension pin**  
Aluminum with steel dowel. Used to connect vertically.



### Rotational



### Translational



Permits rotation and translation of wall assemblies.



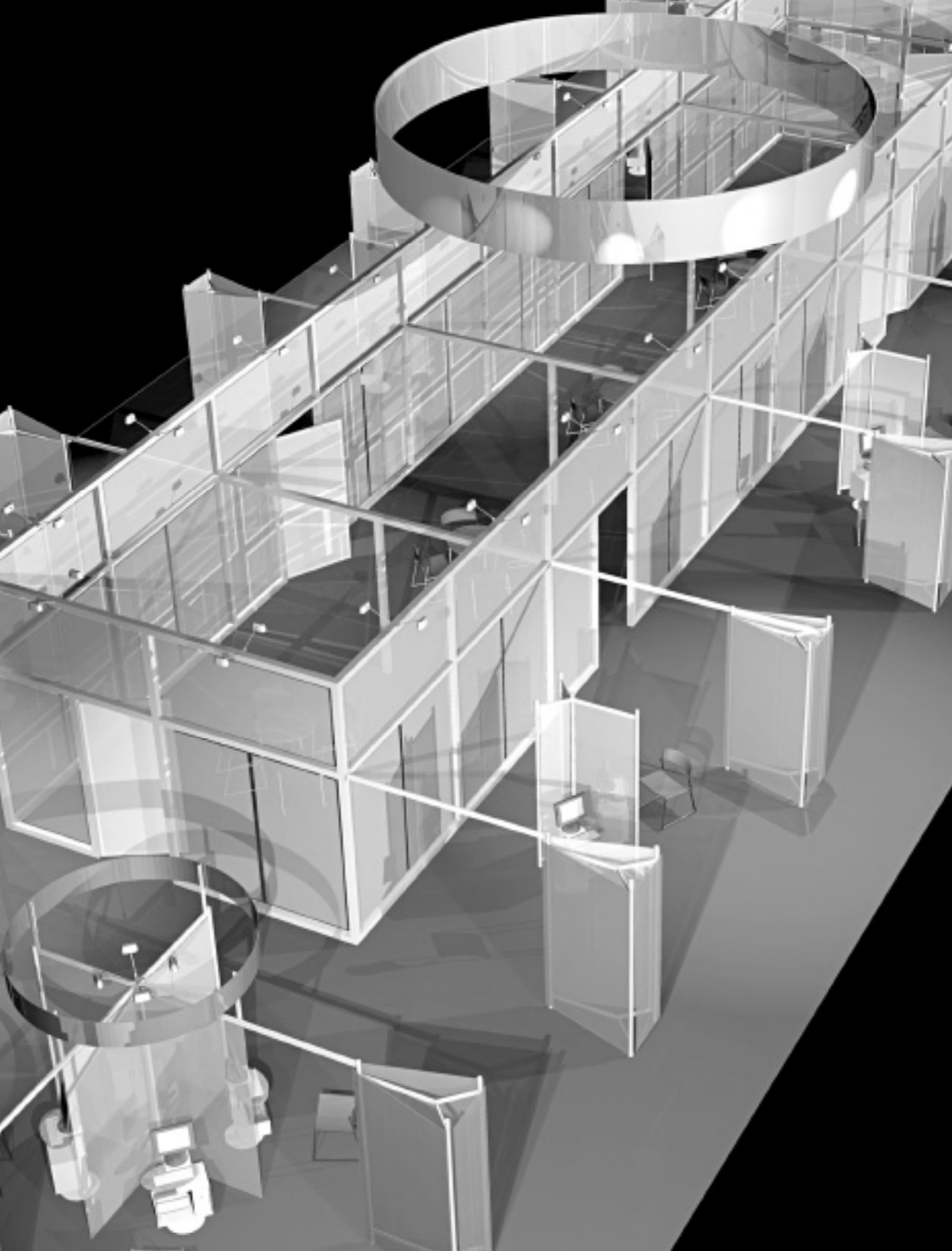
### Pivot pin

- > All steel construction.
- > The same pin is used top and bottom to provide variable angle connection.
- > Locks rigidly into one side of the variable angle junction allowing the other side to rotate.
- > Can be used with adjustable feet.



### Camlock

- > Secures upper wall to deck when walls are used in place of railing (non-ExpoDeck curb applications).
- > Steel, black oxide foot slides into the bottom rail of the ExZact frame.
- > Locked by 90 degree rotation.
- > One Camlock per wall, screwed into the deck under carpet and pad.



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