

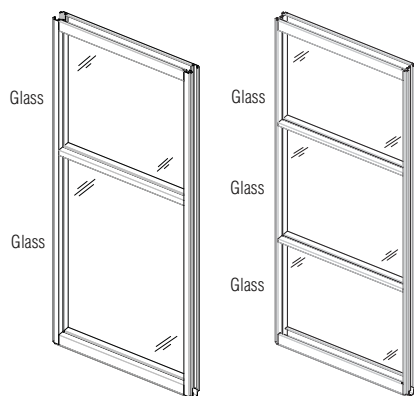
# Technical Specifications ■

## Genius® Movable Wall Glass Panel

October 2011

### KI Genius Wall Highlights

- Movable and reconfigurable.
- Extremely fast installation and reconfigurations.
- 93-99% recyclable (dependant on finish) and Greenguard certified.
- 44 or 48 STC for solid panels...highest in the industry.
- Removable skins to change aesthetic or to access power/cabling.
- Unitized - installs as panels not pieces.
- Slotted uprights on solid panels to accept furniture, overheads.
- Engineered to interface with existing building conditions.
- Highly Customizable...not limited to catalog offering.
- Made in the USA (Manitowoc, WI).



### COMPONENTS & MATERIALS

#### Aluminum Extrusions

- Glass frame, flush ceiling track and 4" (101.6mm) or 5" (127mm) overlapping base.
- Architectural grade and structural aluminum alloys.
- Vertical frame options: 1.75" (44.5mm), Thinline 0.95" (24.1mm), and butt-glazing.
- Horizontal mullion options: 1.35" (34.3mm) or Thinline 0.82" (20.8mm).

#### Finishes

- Clear anodized aluminum (8 minute etch standard).
- Powder-coated aluminum.
- Flex wood architectural Grade A veneer; optional stained.
- Color selection per manufacturer's standard range.
- Custom color matches (client approval required).

#### PVC Components

- Frame connections.
- Glazing gasket.
- Butt-glazing H-channel or silicone joint.
- Exposed PVC standard color options, custom as required.

#### Glass Components

- Framed standard tempered glass  $\frac{1}{4}$ " (6mm) – Option  $\frac{3}{8}$ " (10mm).
- Framed standard laminated glass  $\frac{1}{4}$ " (6mm) – Option  $\frac{3}{8}$ " (10mm).
- Butt-glazing standard glass up to  $\frac{3}{8}$ " (10mm) only. Please check code requirements.
- Approved custom finishes.



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### Optional Inserts

- Veneer tiles.
- Painted tiles.
- Switchable glass.
- KI Movable Wall approved custom finishes.

### Base Track

- Overlapping aluminum base or recessed steel base.
- Steel leveler assembly with vertical adjustment.
- Non-damaging carpet gripper screws.
- Two-sided tape for hard flooring.
- Optional seismic requirements.

### Testing and Approvals

- GreenGuard Certified.
- ICC Approval ER-6090 for seismic.
- CSI Cleanroom 10000/ISO 7 Approved.

## DIMENSIONS & DETAILS

### Frame

- Framed glass panel width: 6" - 60" (152.4 – 1524mm).
- Butt-glazed glass panel width: up to 120" (up 3048mm).
- Standard ceiling height up to 120" (3048mm).
- Standard frame depth 3.5" (88.9mm).
- Vertical adjustment:
  - Overlapping 4" base: +/- 1"
  - Overlapping 5" base: +/- 1.5" (without electrical)
  - Recessed base: +/- 0.5"
  - Recessed ceiling channel: +/- 0.5"

### Ceiling Track Assembly

- Powder-coated steel recessed ceiling channel with free-float adjustment from top of wall to ceiling sealed with gasket.
- Powder-coated, clear anodized or flex wood flush ceiling channel with free-float adjustment from top of wall to ceiling sealed with gasket.
- Cornice or free-standing solution.

### Frame Connections (KI Movable Wall and/or Drywall to Frame)

- Panel connectors provide frame alignment and gap control.
- Panel connectors at frame connection between the glass frame and the adjacent Genius Wall product.
- Frame to base building flexible and rigid wall connections.

### Other Genius Movable Wall Product Options

- Double-glazed panels with and without mini-blinds.
- Combination panels.
- Horizontal glass panels.
- Facetted panel solutions.
- Glass corners and 3-ways.
- Clerestory and stack-on options.
- Glass stacker to integrate with permanent pony or knee wall.

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