

Genius®
Architectural Wall

Innovative movable wall solutions for
beautiful, functional, adaptable interiors.

Furnishing Knowledge®


3120
Wisconsin Institute for Discovery Administration



Inspired by GENIUS

Imagine the ideal space...
A space that always inspires, never confines.
Built with a brilliant composition of flexibility and utility.
A perfect harmony between intervals of design and sensibility.
With true freedom—no holds barred—to invent a space ***so***
aesthetically stimulating yet exceptionally functional.
An environment inclined to efficiency and productivity...
all through walls ingeniously engineered on the constructs of intuition.

So imagine the ideal space...with the inspiration of GENIUS.



DESIGNED FOR FUNCTION

Genius walls create beautiful and highly functional spaces that promote efficiency and productivity. Through customizable designs and configurations, Genius responds to the unique needs and special requirements of each project.

Compatible with all KI systems furniture and architectural solutions, Genius walls integrate with worksurfaces, storage and accessories to create streamlined workstations.

Genius walls also deliver power and data where they are needed, meeting the technology needs of today and tomorrow.













Alternate multiple panel substrates, such as magnetic markerboard painted steel recessed within full fabric shells.



Seamlessly integrate power and data as well as hang-on components and accessories.



Glass transoms or clerestory windows add daylight in a space with solid fabric-wrapped walls and frosted glass doors.



Custom graphics and field-applied film on glass provides endless opportunities for client personalization.



ENDLESS DESIGN FREEDOM

Specifiable in myriad materials, finishes, textures, colors and configurations, Genius walls offer the design flexibility to create unmatched visual impact.

Panel shells are available in solid materials, glass or a combination. Solid material options range from tactile fabric to rich wood veneer to powdercoat paint. Versatile door options include sliding or swinging designs with frameless, framed or solid core with hidden or exposed hardware. See details on back cover.

From offices to conference rooms to storefronts, Genius walls have the depth to achieve any look in any environment. The range of options eliminates boundaries on what designs are possible.





Alternate cornice-height walls with full-height walls to provide an open feeling and enhance visual interest.



Unlimited options for custom designs such as multi-colored segmented glass give unique personality to a space.



Achieve an elegant aesthetic with full-height butt-glazed glass panels.



KI's Genius Architectural wall door options support wood, glass or a combination of substrates from basic to intricate custom designs.

SPECIFICATIONS

Genius architectural walls offer the high performance and value demanded by today's professional environments. With a full offering of features and options, Genius walls reduce noise, deliver power and data and seamlessly integrate with furniture and structures. Designed for durability, Genius walls provide years of use, even through multiple reconfigurations. The result is an offering of walls that create spaces that are not only productive and functional but also beautiful and inspirational.

DIMENSIONS & DETAILS

Ceiling Track Assembly

Powdercoat painted steel recessed ceiling channel with free-float adjustment from top of wall to ceiling sealed with gasket. Also powdercoat painted, clear anodized or flex wood flush ceiling channel with free-float adjustment from top of wall to ceiling sealed with gasket.

Base Assembly

Overlapping aluminum base or recessed steel base. Steel leveler assembly with vertical adjustment. Non-damaging carpet gripper screws. Hard floor anchoring to be determined by site-specific evaluation. Optional seismic requirements.

Frame

- Panel width: 6" – 60" (152.4 – 1524mm); restricted by wallcovering/substrate/glass width (laminate markerboard + tackable = 48" width or less).
- Butt-glazed glass panel width up to 120" (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"

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

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

Insulation

Formaldehyde-free, fiber glass insulation installed in the factory in the frame and in the top distance channel. Base insulation to be field installed in base cavity prior to base trim installation. Recycled cotton insulation available as an upcharge.

Product Options

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

Testing and Approvals

- SCS Indoor Advantage Gold Certified for Indoor Air Quality.
- BIFMA X5.6-2003 Functional and Proof Load Approval.
- ICC Evaluation Report ICC-ES ESR-2673.
- CSI Cleanroom 10000/ISO 7 Approved.
- 44 to 48 STC for Combination Panels per ASTME E-90.
- Transverse load test approval per ASTM E72.
- Powdercoat paint and panel fabrics from Pallas Textiles or KI ingrades (100% polyester or recycled polyester or polyester/olefin blends) attained a Class A Rating when tested to UL 723 (ASTM E84).
- Wood and door factory FSC Certified.
- Veneer attained a Class C Rating when tested to UL 723 (ASTM E84).
- Powdercoat paint attained a Flame Spread Rating of 20 and Smoke Development Classification of 150 when tested to CAN/ULC-S102.
- Environmental Product Declaration (EPD).
- Level 3 certified; conforms to ANSI/BIFMA e3-2014e Furniture Sustainability Standard

COMPONENTS & MATERIALS

Aluminum Extrusions

Internal and glass framework, flush ceiling track and 4" (101.6mm) or 5" (127mm) overlapping base. Architectural grade and structural aluminum alloys. Glass vertical frame options: 1.75" (44.5mm), Thinline 0.95" (24.1mm), and butt-glazing. Glass horizontal mullion options: 1.35" (34.3mm) or Thinline 0.82" (20.8mm). Solid vertical posts manufactured with 1" (25.4mm) on center slotting for hang-on components that can be adjusted vertically.

Available Substrates

Tackable (fabric wallcoverings). 22-gauge steel (44 to 48 STC). MDF. Glass. Slat wall tiles. Integrated tool rail.

Finishes

- Powdercoat painted 22-gauge steel.
- Clear anodized aluminum (8 minute etch standard).
- Vertical fabrics (standard).
- Flex wood architectural grade A veneer applied to MDF; optional stained.
- Markerboard panel shells: backpainted glass, porcelain and laminite (erasable steel).
- Plastic laminate applied to MDF; painted edge.
- Color selection per manufacturer's standard range.
- Custom color matches (client approval required).

Glass Components

- Framed standard tempered glass 1/4" (6mm) – Option 3/8" (10mm).
- Framed standard laminated glass 1/4" (6mm) – Option 3/8" (10mm).
- Butt-glazing standard glass 3/8" (10mm) only. Check code requirements.
- Approved custom finishes.

Optional Inserts

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

Electrical

- 810 Electrical System is a UL Listed Manufactured Wiring System evaluated to UL 183.
- UL Listed plug and play factory assembled pre-wired electrical solution.
- Listed empty electrical box and conduit with pull string.

Learn more about Genius Architectural Wall

Printed on FSC® certified paper, using only vegetable-based inks, including metallics. Please recycle.

MIX Paper from responsible sources FSC® C016863

KI is a trusted expert for furniture and wall systems around the globe.

USA | CANADA | MEXICO | UK | EUROPE | ASIA | MIDDLE EAST

1330 Bellevue Street • P.O. Box 8100 • Green Bay, WI 54308-8100 • 1-800-424-2432 • ki.com

© 2020 Krueger International, Inc. All Rights Reserved. Code KI-BR-000126/KI/IP/0420
KI and Furnishing Knowledge are registered trademarks of Krueger International, Inc.

Furnishing Knowledge®