Architectural Glass Systems

WAGNER®
Architectural Systems

Wagner Glass Railing Solutions

Introducing our line of innovative glass railing systems and products

Let the light in with Wagner's line of high-quality, customizable glass systems. Whether you're looking for a seamless shoe moulding system or a versatile post-mount railing solution, Wagner offers a wide variety of glass railing systems and components that can provide you the aesthetics you desire, with the code-compliance you require.

Our glass railing systems are durable, long-lasting solutions that are designed to bring light into any space for a brighter, more visually appealing environment.

Cover: Embedded PanelGrip® Shoe Moulding and Brackets

Northwestern Mutual
Milwaukee, WI
Chris Duzynski Photography

PanelGrip® Shoe Moulding

Diercks Hall
Milwaukee, WI
Courtesy of Mortenson

Embedded PanelGrip® Shoe Moulding and Brackets

Northwestern Mutual
Milwaukee, WI
Chris Duzynski Photography

Fascia Square Legato™ Post Railing

Milwaukee Area Technical College
Mequon, WI
Chris Duzynski Photography

Level Lock Plus™

Simple Installation Meets Innovative Adjustment

Our Level Lock Plus™ system is designed for easy installation and a perfect glass alignment every time. Innovative mechanism locking technology allows for unmatched adjustability during glass installation. Optional-use alignment tabs provide easy alignment of shoe segments at any angle.

The dry-glaze system utilizes mechanisms with advanced tilting technology that allows installed glass to better withstand environmental changes to ensure a long-lasting glass railing solution.

Simplicity

Simple drop-in mechanisms are tightened from the top of the shoe for a hassle-free installation.

Precision

The intuitive locking mechanism allows the glass to tilt up to 2° in either direction for an easy, precise alignment that can be done on the fly.

Style

Level Lock Plus is a post-less system designed to achieve optimal sight lines. Fully concealed components and various cladding options ensure a sleek, innovative glass railing solution.

Level Lock Plus™ Safety

The symmetrical base shoe allows the locking mechanisms to be installed from either side of the shoe for additional safety when working on elevated surfaces.

Thicker material at the bottom of the base shoe offers added durability to prevent glass from splaying. Shoe moulding is engineered to ensure a strong, secure glass installation that can withstand the elements and provide a high-quality, low-profile life safety railing solution for your latest project.

PanelGrip®

PanelGrip® is a high-quality, dry-glaze shoe moulding system. A unique, lightweight design can save you time and money by providing a faster, simpler installation when compared to other dry-glaze options. PanelGrip is the clear choice for your next structural glass railing system.

Embedded PanelGrip® Shoe Moulding and Brackets

Northwestern Mutual
Milwaukee, WI
Chris Duzynski Photography

Patents, Testing and Compliance

Select PanelGrip® components are now ICC certified when installed according to ESR-3950–giving you peace of mind knowing that our system has undergone rigorous testing to ensure it meets specific building code requirements.

In addition, PanelGrip base shoe and mechanisms are sold as a system and are subject to one or more of these patents: US7730682, US8181405, NZ581456, CA2697162, EP2171180 and AU2008282693.

PanelGrip has been successfully tested to the following:

- Florida Building Code (2014) TAS 202 and TAS 201
- Florida Building Code section 1618.4.6.1
- California Building Code (2013), sections 1607.8.1, 1607.8.1.1 and 1607.8.1.2

When properly specified and installed, PanelGrip complies with current IBC2015 and U.S. structural building codes and load requirements.

The Clear Choice

The innovative, extruded aluminum base shoe moulding qualifies for LEED credits and the no-post system design provides maximum light transmission for complete transparency. With PanelGrip, you can preserve indoor sight lines and create a brighter, more appealing visual environment.

A perfect solution for guard, stair, ramp and balcony applications. All fittings and accessories come in a range of options to enhance the aesthetic quality of any indoor or outdoor space. Additionally, you can paint or clad the base moulding to match existing decor for complete design flexibility.

Simplicity

Intuitive mechanical assembly requires no special tools or messy fillers–so simple it only requires a single person for installation.

Quality

We manufacture each component to the highest standards of precision to ensure code compliance and safety with every system we deliver.

Style

Customize the look of any space with a wide range of top rails, handrails and accessories built to accommodate the broadest grip-range of any dry-glaze system (1/2″-3/4″ or 12-21.5mm), or select a counterbored or fascia configuration to complete the look you want.

Legato™ Collection

Let the Light In

Legato™ is an innovative glass post railing system designed for durability and easy installation. The system combines simplicity, precision and style with a wide range of high-quality, attractive design options to enhance any project. Its sleek, clean lines and glass infill system provide a modern, sophisticated appearance that qualifies for LEED credits and enhances the overall look and feel of any space.

The Legato railing collection supports a wide range of glass thicknesses suitable for guard, stair or ramp applications. Choose the look you want from our assortment of post styles and glass mounting designs offering surface, embedded and fascia post mounting options with mid, end and corner post configurations.

Quality

Mechanical assembly requires no special tools or training with minimal glass preparation to save you time and money.

Metal railings are made from durable, corrosion-resistant 316 stainless steel. A high-quality glass infill system ensures a low-maintenance, high-performance glass railing solution ideal for most applications.

Precision

Exacting specifications and simplified ordering make it easy to get the right code-compliant system delivered with all the necessary components.

Surface Blade Legato™ Post Railing with Top Rail and Brackets

Punch Bowl Social
Milwaukee, WI
Chris Duzynski Photography

Style Options

Legato™ is a plug-and-play railing solution with endless styling capabilities. Choose between surface, embed and fascia mounting options and a wide range of glass fittings and clips to create a railing system that will meet the needs of your next application.

The collection offers three different post options including blade, round and square post styles. Our latest blade-style post is 33% thinner than other leading code-compliant systems, making it one of the most inconspicuous post systems on the market.

Fascia Square Legato™ Post Railing with Top Rail and Brackets

Milwaukee Area Technical College
Mequon, WI
Chris Duzynski Photography

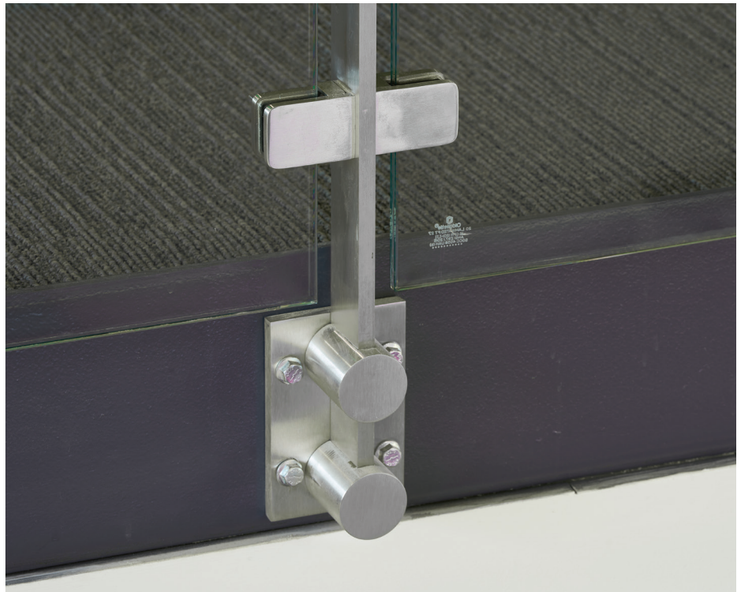
When properly specified and installed, the Legato railing systems complies with current IBC2015 and U.S. structural building codes and load requirements.

Glass Hardware

Wagner has an extensive line of architectural glass component hardware to meet the growing demand for high-quality products that are guaranteed to satisfy the structural requirements of your next design. Our component hardware is made from 2205 ultra-marine stainless steel to ensure a strong, corrosion-resistant solution.

Components were designed to help you achieve a durable, visually appealing glass railing solution. Our glass hardware includes components such as:

- Adjustable standoff pins
- Frameless stiffeners
- Spigots with various mounting options
- Concealed fixing square spigot
- A wide range of spider fittings, and much more!



Square Legato™ Post Railing with Double Flat Arm

Milwaukee Area Techincal College
Mequon, WI
Chris Duzynski Photography

Surface and Fascia Blade Legato™ Post Railing with Square Glass Clip

Diercks Hall
Milwaukee, WI
Chris Duzynski Photography

Surface Blade Legato™ and Welded Handrail

Dwight and Dian Diercks Computational Science Hall
Milwaukee School of Engineering I Milwaukee, WI

Uihlein/Wilson-Ramlow and Stein Architects
Shay Photography

Building Codes and ADA Standards

Wagner has been in the railing industry since 1955 and is here to offer you the guidance, support and resources necessary to help you properly specify and install a code-compliant life safety system.

After working in the world of code and standards for over 40 years, we understand the challenges. That's why we've created an assortment of highly technical, in-depth documents such as assembly guides, specification sheets, structural analyses and more to help you along the way.

Need assistance installing your railing system? Wagner offers three different Service packages to guide you through any step of your handrail installation from concept to completion. We can help you avoid costly delays by ensuring you have the right products and systems that meet the needs of your project, and your local authority having jurisdiction (AHJ).

For questions or more information about our service options, contact us at 888-243-6914 today!

@wagnercompanies

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