



Product Catalog



ABOUT US

Steadwin is a premium glass-solution company that provides easy & creative ways to solve complex problems of individual designers, builders, architects & end users. With the experience of more than two decades, steadywin offers a variety of high quality products range that elevate spaces by creating an ambience that can lead to an extraordinary experience of living. Innovation and technology drive us to provide superior quality products and services to its customers.

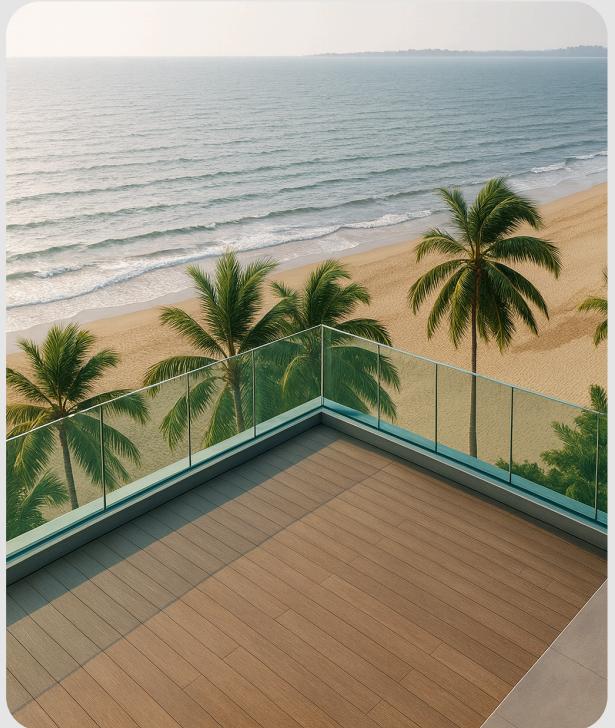
Our mission is to enhance the aesthetic and functionality of any interior space with our products. We are committed to leveraging our expertise and experience to create products with latest technology & trends that add value to the lives of our customers.



ABOUT US

At Steadwin,

- Highlight brand values ("we believe in delivering products that stand out").
- Emphasize product benefits (visual appeal, longevity, ease of use).
- Create a sense of luxury and sophistication (frameless glass railings, unobstructed view, touch of sophistication).
- Target multiple applications/uses (balconies, terraces, staircases, decks, porches, lobbies).

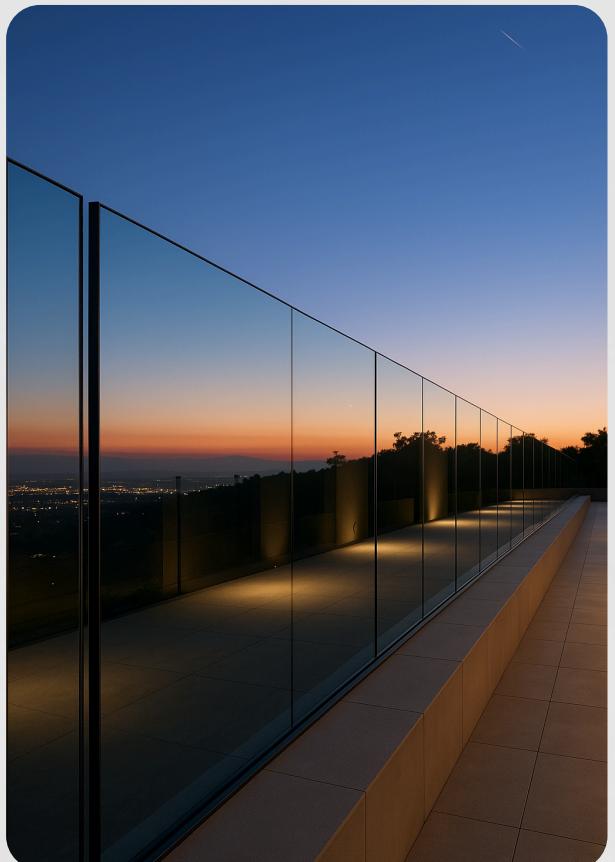


01+ CITIES.

06+ YEARS.

100+ PROJECTS.

1200+ FT OF WORK.



FINISHES

We offer an extensive range of finish options tailored to your design preferences and lifestyle. From sleek, modern elegance to timeless, classic charm, our finishes are crafted to seamlessly complement your space. With such diversity, you're sure to find the perfect match that reflects your unique style.



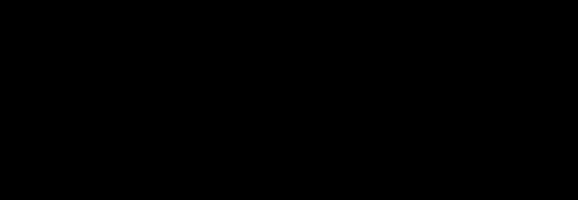
Wooden

Our premium wood finish options infuse every project with rich, natural elegance—striking the perfect balance of warmth, character, and sophistication.



Black

Whether your space is modern or traditional, our black finish delivers a powerful presence—striking, stylish, and effortlessly refined.



Champagne

Our champagne finish adds a refined touch of luxury and warmth, elevating your space with timeless sophistication and lasting durability.



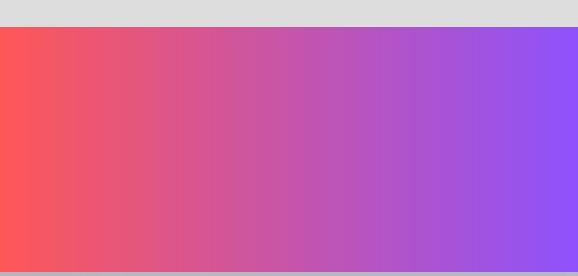
Silver

Our silver finish radiates modern elegance, bringing a sleek and stylish accent to your glass railings.

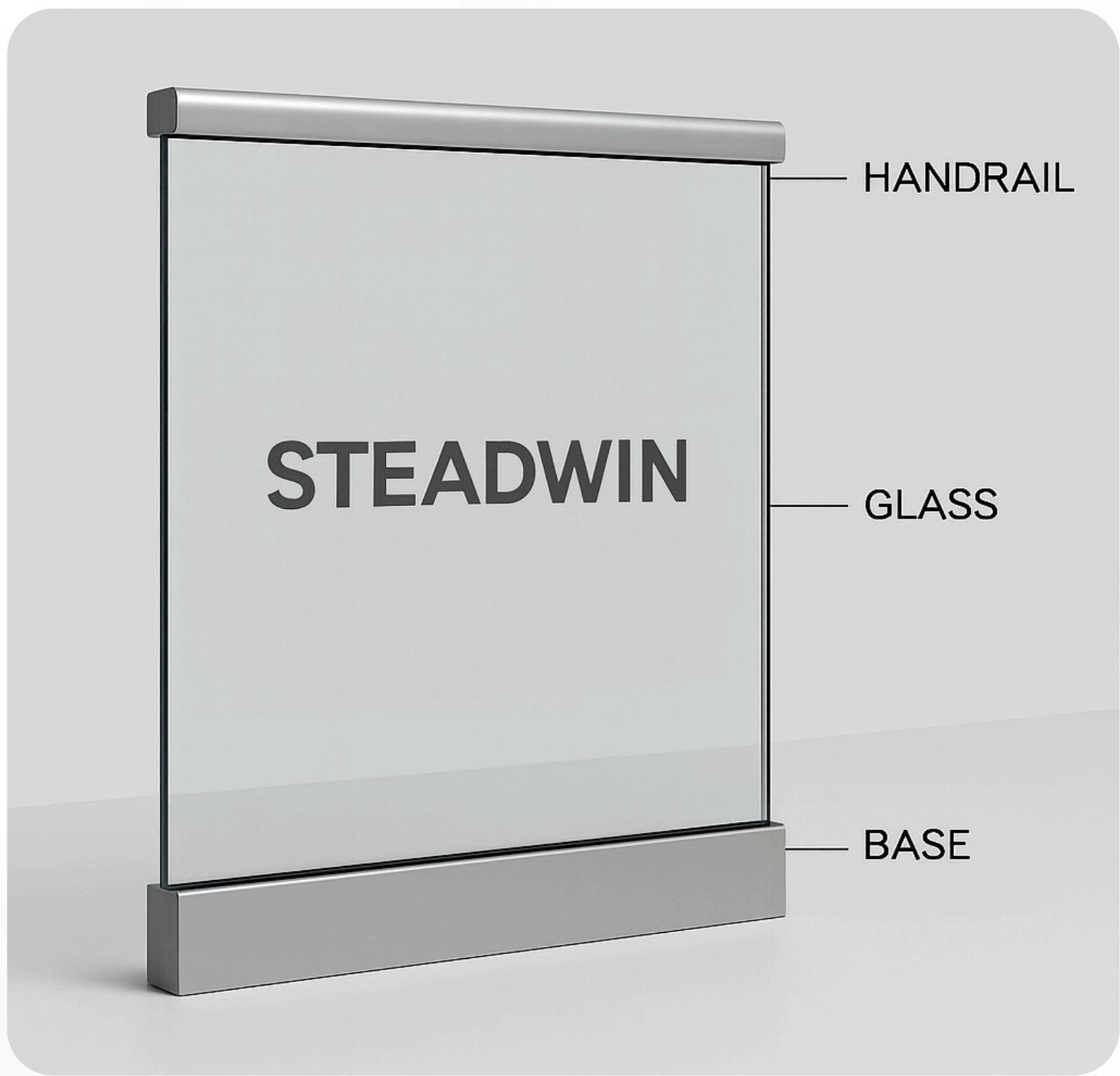


Custom

Designed to suit your unique vision, our custom finish blends modern elegance with versatility—adding a sleek, stylish accent to any space.



PRODUCT & ARRANGEMENT



Images shown are for illustration purposes only and may not represent the actual product.

BASE SERIES

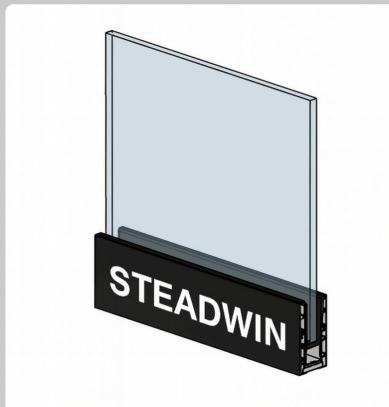
At Steadwin, we specialize in designing beautiful, durable glass railing systems that elevate every space. With a commitment to innovation and uncompromising quality, we bring style and strength together seamlessly.



SBS-120

Description

- ULTRA HEAVY DUTY RAILING SYSTEMS
- FIRE RATED GASKETS
- SUITABLE UPTO 17.52MM GLASS
- MAXIMUM LENGTH 500 FEET
- MAXIMUM HEIGHT 1200MM



SBS-80

Description

- ULTRA HEAVY DUTY RAILING SYSTEMS
- FIRE RATED GASKETS
- SUITABLE UPTO 17.52MM GLASS
- MAXIMUM LENGTH 100 FEET
- MAXIMUM HEIGHT 1200MM



SBS-60

Description

- MINIMAL RAILING SYSTEMS
- FIRE RATED GASKETS
- SUITABLE UPTO 13.52MM GLASS
- MAXIMUM LENGTH 15 FEET
- MAXIMUM HEIGHT 1000MM



SBS-B-120

Description

- ULTRA HEAVY DUTY RAILING SYSTEMS
- FIRE RATED GASKETS
- SUITABLE UPTO 17.52MM GLASS
- MAXIMUM LENGTH 100 FEET
- MAXIMUM HEIGHT 1200MM



SBS-S-100

Description

- ULTRA HEAVY DUTY RAILING SYSTEMS
- FIRE RATED GASKETS
- SUITABLE UPTO 13.52MM GLASS
- MAXIMUM LENGTH 100 FEET
- MAXIMUM HEIGHT 1200MM

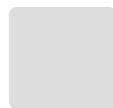


SBS-D-50

Description

- ULTRA HEAVY DUTY RAILING SYSTEMS
- FIRE RATED GASKETS
- SUITABLE UPTO 17.52MM GLASS
- MAXIMUM LENGTH 80 FEET
- MAXIMUM HEIGHT 1200MM

STEADWIN SBS-120



FEATURES

- Ultra Heavy Duty Railing Systems
- Fire Rated Gaskets
- Suitable Upto 17.52mm Glass
- Suitable For Any Weather
- Maximum Length 500 Feet

APPLICATIONS

- Railing Glass
- Fixed Glass
- Framed Glass
- Glass Cabins

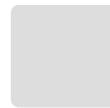
SYSTEM TYPE

- Continuous System

TECHNICAL SPECIFICATIONS

Height	120mm
Width	50mm
Finish	All
Floor Mounted	Yes
Side Mounted	Yes
In Floor	Yes
Without Handrail	Yes
Minimum Glass Thickness	12mm
Maximum Glass Thickness	17.52mm
Maximum Glass Height	1200mm
Heavy Duty	Yes
Material	Aluminium

STEADWIN SBS-80



FEATURES

- Ultra Heavy Duty Railing Systems
- Fire Rated Gaskets
- Suitable Upto 17.52mm Glass
- Suitable For Any Weather
- Maximum Length 100 Feet

APPLICATIONS

- Railing Glass
- Fixed Glass
- Framed Glass
- Glass Cabins

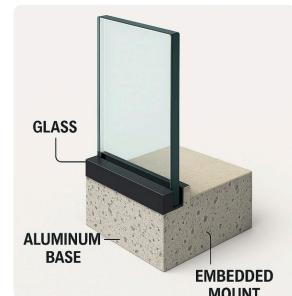
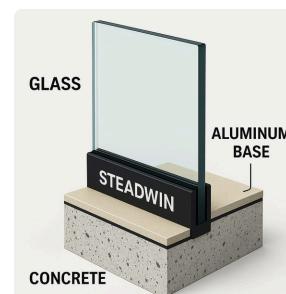
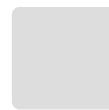
SYSTEM TYPE

- Continuous System

TECHNICAL SPECIFICATIONS

Height	80mm
Width	50mm
Finish	All
Floor Mounted	Yes
Side Mounted	No
In Floor	Yes
Without Handrail	No
Minimum Glass Thickness	12mm
Maximum Glass Thickness	17.52mm
Maximum Glass Height	1200mm
Heavy Duty	Yes
Material	Aluminium

STEADWIN SBS-60



FEATURES

- Minimal Railing System
- Fire Rated Gaskets
- Suitable Upto 13.52mm Glass
- Suitable For Any Weather
- Maximum Length 15 Feet

APPLICATIONS

- Railing Glass
- Fixed Glass
- Framed Glass
- Glass Cabins

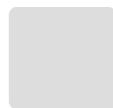
SYSTEM TYPE

- Continuous System

TECHNICAL SPECIFICATIONS

Height	60mm
Width	35mm
Finish	All
Floor Mounted	Yes
Side Mounted	No
In Floor	Yes
Without Handrail	No
Minimum Glass Thickness	12mm
Maximum Glass Thickness	13.52mm
Maximum Glass Height	1200mm
Heavy Duty	Yes
Material	Aluminium

STEADWIN SBS-B-120



Installation



FEATURES

- Fire Rated Gaskets
- Suitable Upto 17.52mm Glass
- Suitable For Any Weather
- Maximum Length 100 Feet

APPLICATIONS

- Railing Glass
- Fixed Glass
- Framed Glass
- Glass Cabins

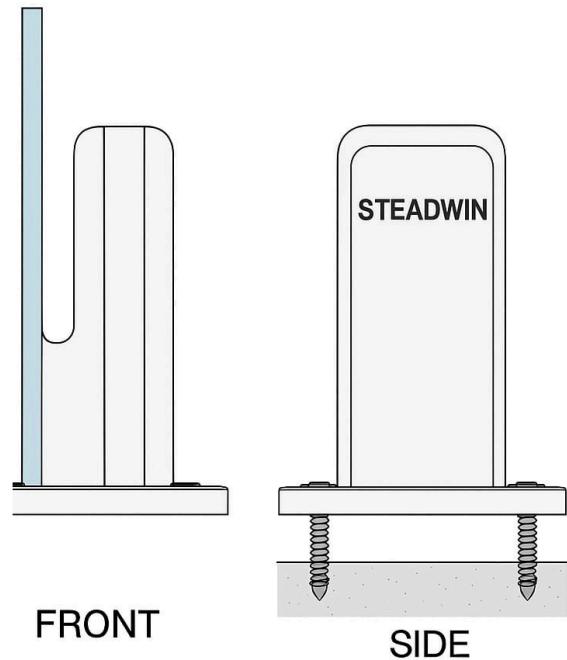
SYSTEM TYPE

- 120 x 50 x 75 MM

TECHNICAL SPECIFICATIONS

Height	120mm
Width	50mm
Finish	All
Floor Mounted	Yes
Side Mounted	Yes
In Floor	Yes
Without Handrail	Yes
Minimum Glass Thickness	12mm
Maximum Glass Thickness	17.52mm
Maximum Glass Height	1200mm
Heavy Duty	Yes
Material	Aluminium

STEADWIN SBS-S-100



Installation



FEATURES

- Fire Rated Gaskets
- Strong Modern Aesthetics
- Suitable For Any Weather

SYSTEM TYPE

- 250 x 100 mm

APPLICATIONS

- Balcony Railing
- Staircase Railing
- Terrace Railing
- Internal Railing

TECHNICAL SPECIFICATIONS

Height	250mm
Width	100mm
Finish	All
Floor Mounted	Yes
Side Mounted	No
In Floor	No
Without Handrail	No
Minimum Glass Thickness	12mm
Maximum Glass Thickness	17.52mm
Maximum Glass Height	1200mm
Heavy Duty	Yes
Material	Aluminium

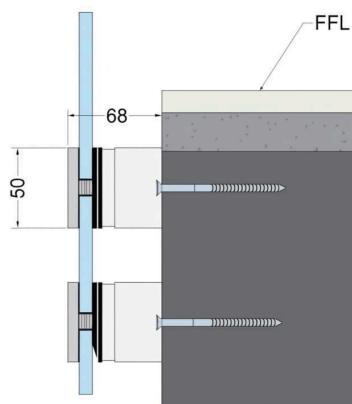
STEADWIN SBS-D-50



FEATURES

- Fire Rated Gaskets
- Strong Modern Aesthetics
- Suitable For Any Weather

Installation



APPLICATIONS

- Staircase Railing
- Side Mounted
- Railing Deck Railing

SYSTEM TYPE

- 50mm Diameter

TECHNICAL SPECIFICATIONS

Height	50mm
Width	50mm
Finish	All
Floor Mounted	No
Side Mounted	Yes
In Floor	No
Without Handrail	Yes
Minimum Glass Thickness	12mm
Maximum Glass Thickness	17.52mm
Maximum Glass Height	1200mm
Heavy Duty	Yes
Material	Stainless Steel

STAIRCASE & BALCONY

A Staircase & Balcony glass railing is a modern safety barrier system that uses tempered or laminated glass panels instead of traditional grills or balusters. It combines safety, durability, and aesthetics, making balconies look open, spacious, and premium.

ABOUT US

◆ By Installation Type

1. Top Mount (Floor Mounted)

- Glass fixed on top of the staircase steps or slab.
- Uses U-channel, spigots, or clamps.
- Simple, strong, and widely used.

2. Side Mount (Fascia Mounted)

- Glass fixed on the side of the staircase slab.
- Saves step space and gives a floating look.
- Sleek, modern finish.

3. Embedded Mount (Concealed / Pocket System)

- Glass inserted into a groove in the staircase or concrete.
- No visible hardware—very clean look.
- Popular in luxury interiors.

4. Spigot Mounted (Point Fixed)

- Glass panels supported by stainless steel spigots fixed to the floor.
- Minimal, modern appearance.
- Easy to replace glass if damaged.

◆ **By Railing Style**

1. Frameless Glass Railing

- Only glass panels, fixed with channels/spigots.
- No top rail (optional handrail).
- Pure glass look, very modern.

2. Semi-Frameless Railing

- Glass with posts at intervals.
- Sleek but slightly more traditional.

3. Framed Glass Railing

- Glass panels fully supported by a frame (aluminum/steel).
- Sturdy and safe, but heavier in appearance.

◆ **Glass Options**

- Toughened Glass (12mm) – Strong, most common.
- Laminated Glass – Two layers for extra safety.
- Clear / Frosted / Tinted / Designer Glass – Depending on style choice.

◆ **Residential Buildings**

- Minimum height: 900 mm (36 inches / 3 feet) from the tread (step) or landing.
- Common practice: 900 mm to 1000 mm (3 ft to 3 ft 3 in).

◆ **Commercial Buildings / Public Places**

- Minimum height: 1000 mm to 1100 mm (39–43 inches).
- Some codes may require up to 1200 mm (4 feet) for high-traffic areas.

◆ **Balcony or Terrace Railings with Staircases**

- Usually 1100 mm (3 ft 7 in) minimum.

◆ **Types of Handrails for Glass Railings**

1. Without Handrail (Frameless Look)

- Only glass panels, no top rail.
- Very modern & minimal.
- Usually for residential interiors (but not always code-compliant in public spaces).

2. Top Cap Handrail (Slim Profile)

- A slim stainless steel/aluminum profile sits on top edge of glass.
- Protects glass edge and provides grip.
- Available in round, square, or flat shapes.

3. Wall-Mounted Handrail

- Glass railing remains frameless, but a separate handrail is fixed on the wall beside the staircase.
- Keeps glass minimal, still ensures safety.

4. Offset Handrail (Brackets on Glass)

- Handrail fixed slightly above glass with side brackets.
- Gap of 30–50 mm between glass & rail.
- Premium look, very popular in modern designs.

5. Full Frame / Post & Handrail System

- Glass held between posts with a continuous handrail on top.
- Strong, safe, but heavier in appearance.

◆ **Materials for Handrails**

- Aluminum (Powder-coated / Anodized) – Lightweight, modern.
- Wood (Teak, Oak, Ash) – Adds warmth to glass railing.

HANDRAIL SERIES

At Steadwin, we specialize in designing beautiful, durable glass railing systems that elevate every space. With a commitment to innovation and uncompromising quality, we bring style and strength together seamlessly.



SHR-R-55

Description

- ROUND 55 HANDRAIL
- SIZE 55MM ROUND
- FIRE RATED GASKETS
- SUITABLE UPTO 17.52MM GLASS



SHR-S-42

Description

- SQUARE 42 HANDRAIL
- SIZE 42 x 42 MM
- FIRE RATED GASKETS
- SUITABLE UPTO 17.52MM GLASS



SHR-O-65

Description

- OVAL 65 HANDRAIL
- SIZE 65 x 45 MM
- FIRE RATED GASKETS
- SUITABLE UPTO 17.52MM GLASS



SHR-S-26

Description

- SLEEK 26 HANDRAIL
- SIZE 26 x 26 MM
- FIRE RATED GASKETS
- SUITABLE UPTO 13.52MM GLASS



SHR-S-13

Description

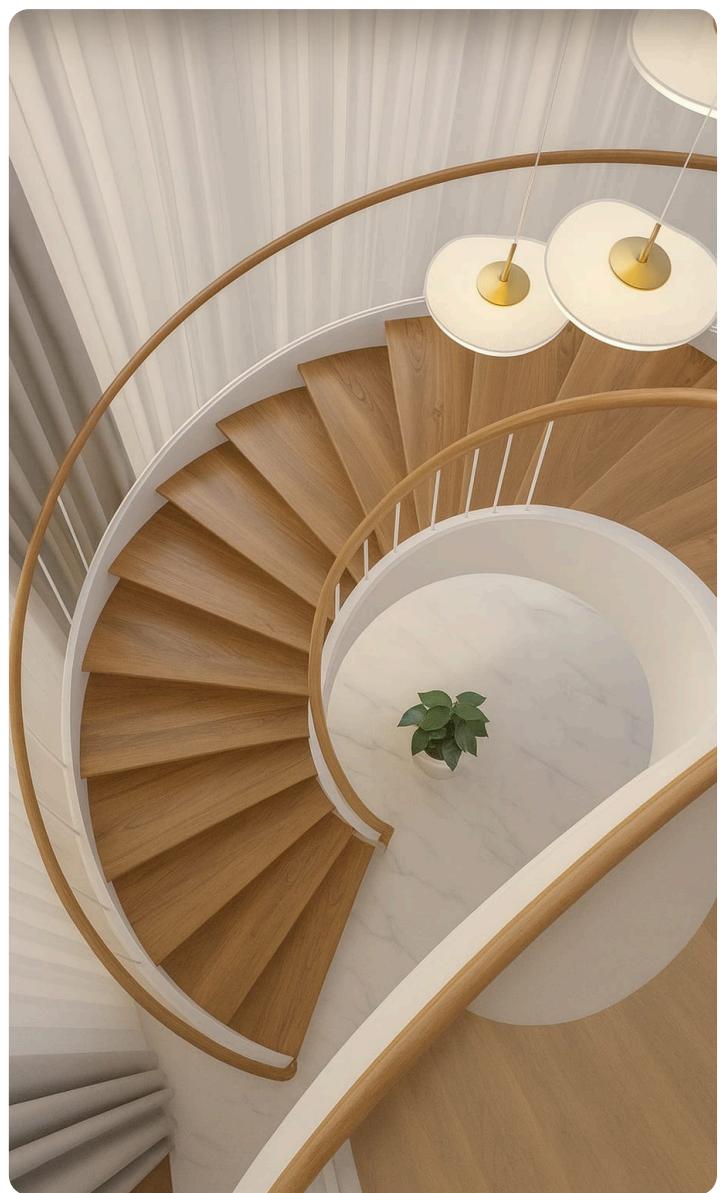
- INBUILD ADHESIVE
- SIZE 17 x 7 MM
- GLASS EDGE PROFILE
- SUITABLE UPTO 12MM GLASS

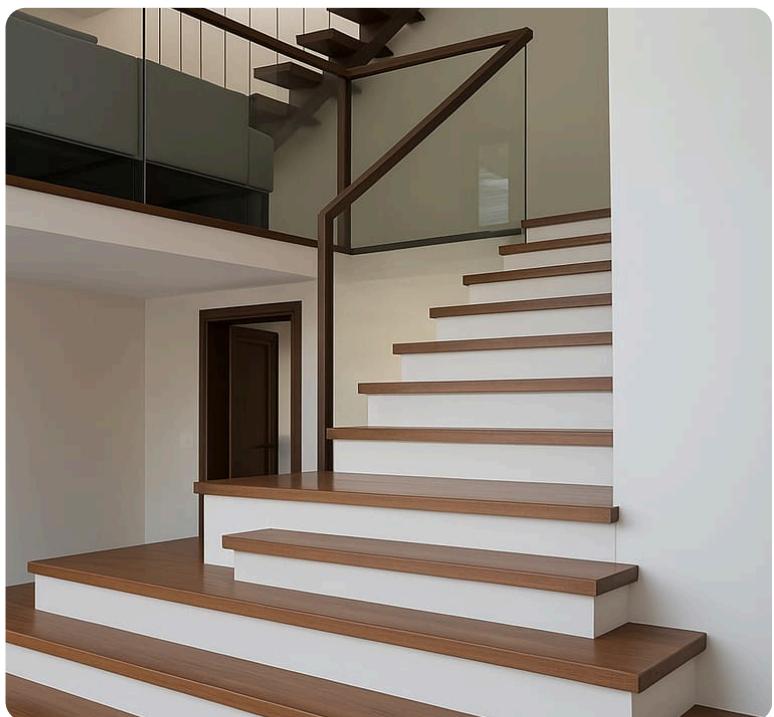
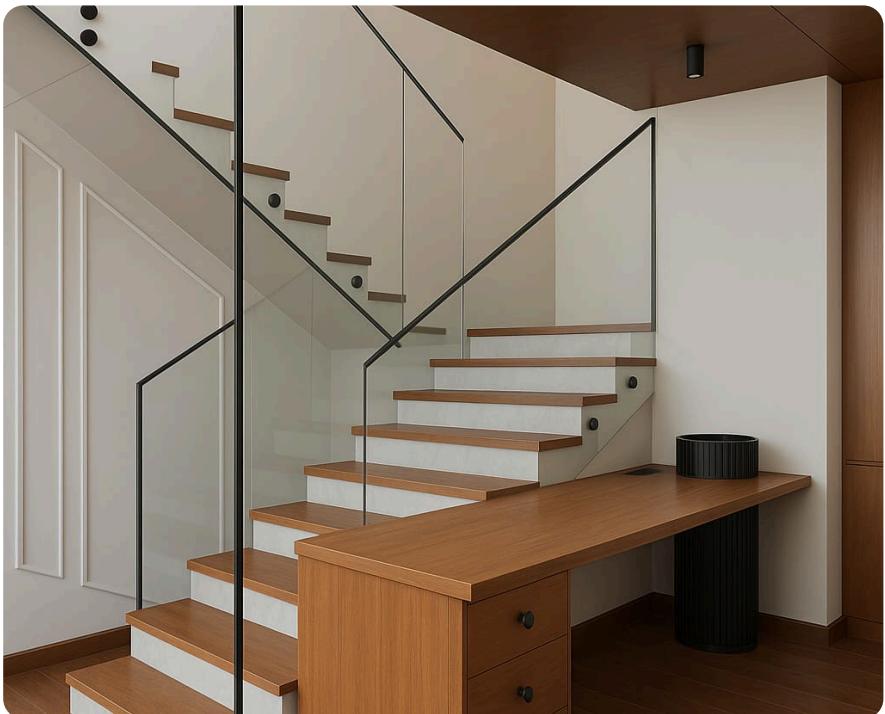
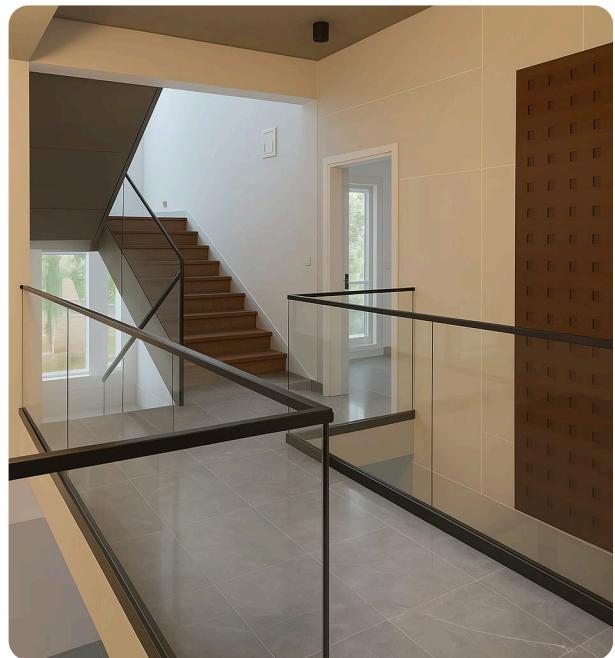
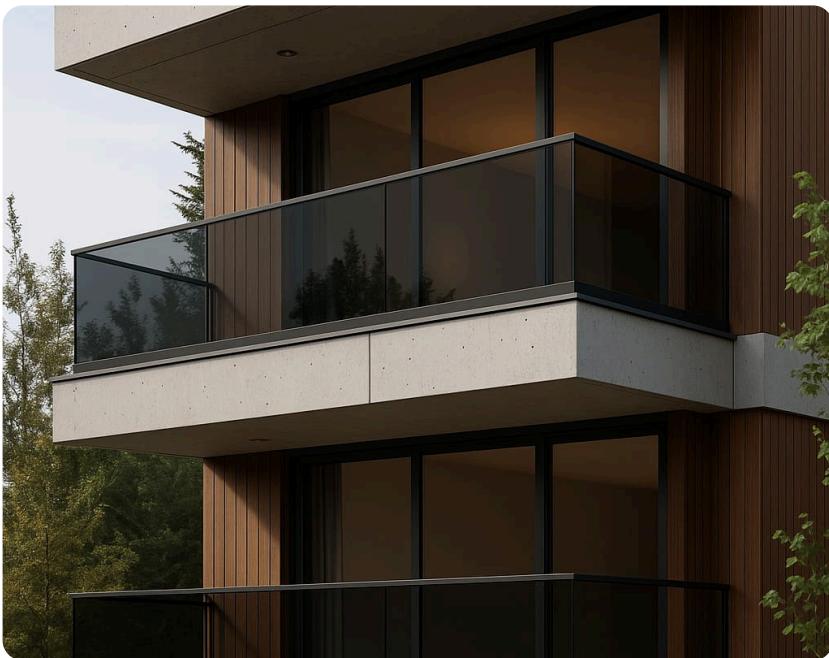


SHR-SL-26

Description

- SLEEK WITH LED 26 HANDRAIL
- SIZE 55 x 26 MM
- FIRE RATED GASKETS
- SUITABLE UPTO 13.52MM GLASS





SKYLIGHT GLASS

A skylight glass is a window installed in the roof or ceiling of a building to allow natural sunlight into the interior spaces. Unlike regular vertical windows, skylights are positioned overhead, providing direct daylight, sky views, and sometimes ventilation.

ABOUT US

- Purpose:
 - Brings in natural light to brighten dark areas.
 - Reduces dependence on artificial lighting.
 - Can provide ventilation (if openable).
 - Enhances architectural design and creates a feeling of openness.
- Types:
 - Fixed Skylight – Permanent, does not open; only for light and views.
 - Openable Skylight – Hinged or motorized, allows light + air circulation.
 - Sliding Skylight – Panels slide open for wide ventilation and roof access.
- Glass Options:
 - Toughened/Laminated Glass for safety.
 - Double/Triple Glazing for insulation.
 - Low-E Coated Glass to reduce heat gain/loss.
 - Tinted or Frosted Glass for privacy and glare reduction.
- Benefits:
 - Energy-efficient (saves electricity during the day).
 - Improves mood and health with natural daylight.
 - Adds a premium, modern look to interiors.

Skylight Glass Type



SLGF-01

Fixed Skylight Glass

Description

A fixed skylight glass is a permanent, non-opening glass window on the roof that provides natural daylight, insulation, and a modern look, widely used in homes, offices, and commercial spaces.



SLGO-02

Openable Skylight Glass

Description

Openable skylight glass is a roof window that allows natural light and fresh air indoors, available in manual or motorized options, with safety glass and weather-sealed frames for comfort, efficiency, and elegance.



SLGS-03

Sliding Skylight Glass

Description

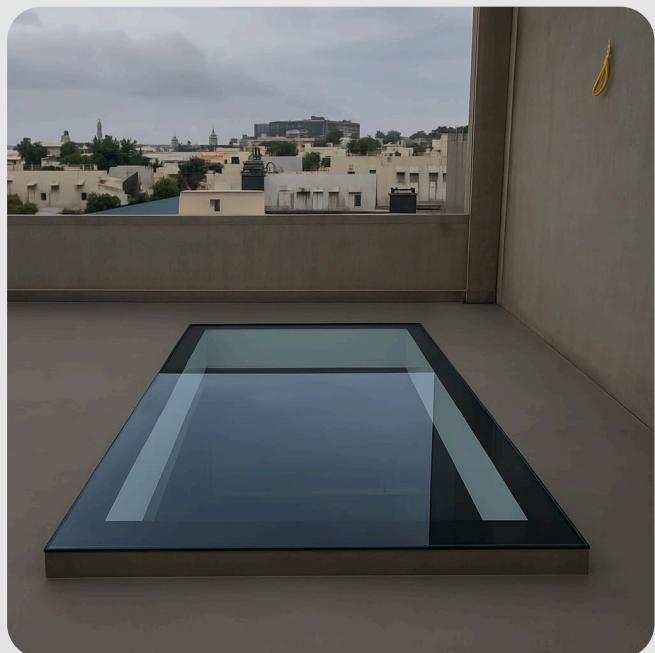
Sliding skylight glass is a premium roof glazing system with sliding panels that allow abundant natural light, wide ventilation, and even roof access —ideal for luxury homes, commercial spaces, and architectural highlights.

Fixed Skylight

A fixed skylight glass is a non-operable skylight designed to provide natural daylight and an open-sky view without the option of ventilation. It is permanently sealed into the roof, meaning it cannot be opened or adjusted.

Here's a clear description:

- **Structure:** A rigid frame, usually made of aluminum, uPVC, or wood, holds the skylight in place. The glass is double- or triple-glazed for insulation and durability.
- **Glass Type:** Typically clear, frosted, or tinted toughened/laminated glass with UV protection and low-E coating to control heat gain.
- **Design:** Sleek, frameless (in premium designs) or framed with minimal profiles to maximize visible sky.
- **Purpose:** Allows abundant natural light into spaces like living rooms, staircases, lobbies, or offices, while being completely weather-sealed against rain, dust, and wind.
- **Advantages:**
 - Maximum daylight
 - Energy efficiency (insulated glazing reduces heat loss/gain)
 - Low maintenance (no moving parts)
 - Modern and aesthetic look



Openable Skylight Glass



An openable skylight glass is a roof window designed to bring in natural daylight and allow ventilation when needed. Unlike fixed skylights, it has a mechanism that lets the glass panel open either manually or automatically.

Here's a detailed description:

- **Structure:** Sturdy frame made from aluminum, uPVC, or timber, fitted with hinges and opening hardware (manual handle, crank, or motorized system).
- **Opening Styles:**
 - Top-hinged – opens outward from the top (like a flap).
 - Center-pivot – rotates along a central hinge for easy operation.
 - Side-hinged – opens sideways like a window.
 - Motorized – remote-controlled or sensor-based for convenience.
- **Glass Type:** Double or triple glazing with toughened/laminated glass, often with low-E coating, UV filter, or tint to reduce glare and heat.
- **Ventilation:** Provides fresh air circulation, reducing humidity and improving indoor air quality.
- **Design:** Sleek and modern, with weather-sealed frames to prevent leaks when closed.
- **Advantages:**
 - Natural light + ventilation in one system
 - Reduces need for artificial cooling/lighting
 - Can be installed in bedrooms, bathrooms, kitchens, and attics
 - Available in both manual and automated options

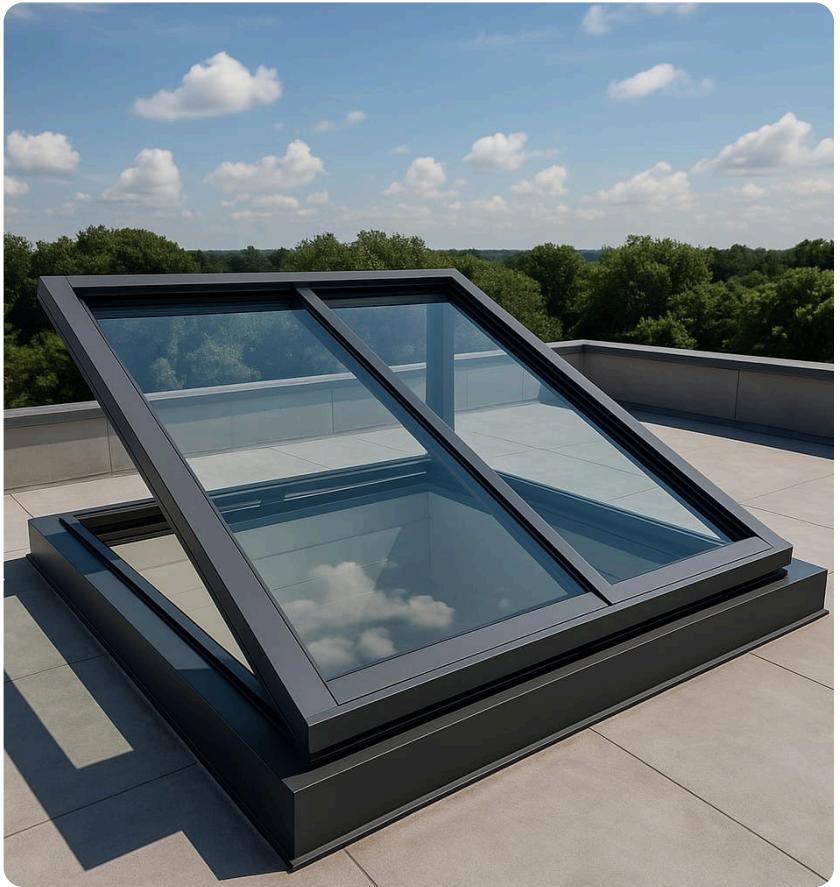
Sliding Skylight Glass

A sliding skylight glass is a modern roof window system designed to provide both daylighting and large, flexible openings by sliding the glass panels horizontally. It is more advanced than fixed or hinged skylights and is often used in premium residential and commercial projects.

Here's a detailed description:

- Structure:
 - Built with strong aluminum or steel frames, often powder-coated for durability.
 - Operates on sliding tracks with rollers, allowing smooth horizontal movement.
 - Can be single-panel (slides over the roof surface) or multi-panel (stacking or telescopic).
- Glass Type:
 - Double or triple-glazed toughened/laminated safety glass.
 - Options for clear, tinted, frosted, or low-E coated glass to control light, heat, and UV.
- Operation:
 - Manual: Push-and-slide system.
 - Motorized: Remote-controlled, switch-operated, or sensor-based (rain/temperature sensors).
- Design:
 - Sleek, frameless look with wide glass panels for uninterrupted sky views.
 - Panels slide smoothly to partially or fully open the roof.
 - Weather-sealed for protection against rain and wind when closed.
- Purpose & Advantages:
 - Provides maximum natural daylight.
 - Allows large-scale ventilation and access to the roof/terrace.
 - Ideal for luxury homes, penthouses, restaurants, atriums, and lounges.
 - Blends indoor and outdoor spaces seamlessly.







GLASS

Glass is a hard, brittle, and typically transparent material made primarily from silica (sand) that has been melted at high temperatures and then cooled rapidly without crystallizing. This process gives glass its amorphous (non-crystalline) structure, which is what makes it unique compared to other solid materials.

ABOUT US

Key Features of Glass:

- Transparency – allows light to pass through, making it useful for windows, skylights and screens.
- Hard but brittle – resistant to scratches but can shatter easily under impact.
- Non-porous – does not absorb liquids, making it hygienic for food and lab use.
- Chemically stable – resistant to many chemicals and weathering.
- Versatile – can be made clear, colored, frosted, or coated for different purposes.

Common Types of Glass:

1. Float Glass – standard clear window glass.
2. Tempered Glass – heat-treated for strength and safety (shatters into small blunt pieces).
3. Laminated Glass – two or more layers bonded with plastic, prevents shattering (used in windshields).
4. Frosted/Etched Glass – diffuses light, provides privacy.
5. Low-E Glass – coated to reduce heat transfer, energy-efficient.

Everyday Uses:

- Windows, doors, skylights, and facades in buildings.
- Safety glass in automobiles and architecture.

Glass Type



12mm

SGTG-12

Description

12mm glass is a heavy-duty, thick, and durable glass option ideal for structural, safety, and luxury architectural applications.



13.52mm

SGTLG-13.52

Description

13.52mm glass is a laminated safety glass (6mm + 6mm + 1.52 PVB) used for railings, skylights, floors, and facades, providing superior strength, safety, sound insulation, and UV protection.

17.52mm

SGTLG-17.52

Description

17.52mm glass is a laminated heavy-duty safety glass (8mm + 8mm + 1.52 PVB), ideal for structural uses like railings, floors, skylights, and facades where maximum strength, safety, and durability are required.

12MM GLASS

12mm glass refers to a glass sheet with a thickness of 12 millimeters. It is considered a heavy-duty, strong, and durable type of glass, suitable for both structural and decorative applications where safety and strength are required.

◆ **Key Features:**

- Thickness: 12 millimeters (approx. ½ inch).
- Weight: About 30 kg per square meter (depending on glass type).
- Strength: Much stronger and more impact-resistant compared to thinner glasses like 6mm or 8mm.
- Transparency: Available in clear, tinted, frosted, or reflective options.
- Variants: Can be standard float glass, tempered (toughened), or laminated for extra safety.

◆ **Types of 12mm Glass:**

1. Float Glass (12mm) – Basic flat glass, high clarity, used for partitions, panels.
2. Tempered Glass (12mm) – Heat-strengthened, 4–5 times stronger than normal glass, shatters into blunt pieces.
3. Laminated Glass (12mm) – Two 6mm sheets bonded with PVB film, holds together when broken.
4. Frosted/Etched Glass (12mm) – For privacy while allowing light.

◆ **Applications:**

- Floor Glass Panels / Walk-on Glass (like in your earlier skylight floor designs).
- Glass Railings & Balustrades (staircases, balconies).
- Shower Enclosures.
- Tabletops & Countertops (strong enough to hold weight).
- Storefronts & Facades (commercial buildings).
- Skylights & Roof Glass.

13.52MM GLASS

13.52mm glass = Two 6mm glass sheets + 1.52mm PVB (Polyvinyl Butyral) interlayer laminated together under heat and pressure. It is a safety glass that remains bonded together if broken, preventing sharp shards from scattering.

◆ Key Features:

- Safety: Even if it cracks, the PVB film holds the glass in place.
- Strength: Stronger and safer than single 12mm tempered glass.
- Sound Insulation: PVB reduces noise transmission (better acoustic performance).
- UV Protection: Blocks ~99% UV rays, preventing fading of interiors.
- Transparency Options: Clear, tinted, frosted, or reflective.

◆ Types of 13.52mm Laminated Glass:

1. Clear Laminated – Maximum transparency, safety.
2. Tempered + Laminated (13.52mm Toughened) – Extra strength + safety.
3. Tinted Laminated – Bronze, Grey, Green for heat & glare control.
4. Acoustic Laminated – Special PVB for higher soundproofing.

◆ Applications:

- Glass Railings & Balustrades (balconies, staircases, terraces).
- Skylights & Roof Glazing (safety against fall-through).
- Floor Glass / Walk-on Glass Panels (where people can walk on it).
- Curtain Walls & Facades.
- Doors & Partitions in high-safety areas.
- Glass Canopies & Atriums.

◆ 12mm vs 13.52mm Glass (Quick Difference)

- 12mm Glass → Can be float or tempered; strong, but if broken, it shatters completely.
- 13.52mm Glass → Laminated (safety glass); holds together after breakage, safer for structural use.

17.52MM GLASS

17.52mm glass = Two 8mm toughened glass sheets + 1.52mm PVB (Polyvinyl Butyral) interlayer. It is classified as high-strength laminated safety glass, widely used in structural glazing and heavy load-bearing areas.

◆ Key Features:

- Superior Safety: Even if broken, the PVB holds shards together, preventing fall-through or injuries.
- High Strength: With 8mm + 8mm composition, it can withstand much greater loads and impacts than 12mm or 13.52mm glass.
- Noise Reduction: Laminated structure provides excellent acoustic insulation.
- UV Protection: Blocks ~99% UV rays, protecting interiors from fading.
- Durability: Weather-resistant, long-lasting, ideal for outdoor use.

◆ Types of 17.52mm Laminated Glass:

1. Clear Laminated (8mm + 8mm + 1.52mm PVB) – Standard, transparent.
2. Tempered Laminated – Toughened layers + lamination for extra safety & strength.
3. Tinted Laminated – Grey, Green, Bronze, etc. for solar control.
4. Acoustic Laminated – Special PVB for maximum soundproofing.

◆ Applications:

- Structural Glass Floors & Walkable Glass Panels (can handle higher loads).
- Glass Railings & Balustrades (especially tall buildings or heavy-duty safety requirements).
- Glass Canopies & Skylights (roof glazing with maximum safety).
- Curtain Wall & Facade Systems.
- High-Security Glass Doors & Partitions.
- Staircase Glass Treads & Bridges.

◆ 13.52mm vs 17.52mm Glass (Quick Difference):

- 13.52mm → 6mm + 6mm + 1.52 PVB (medium-duty safety glass).
- 17.52mm → 8mm + 8mm + 1.52 PVB (heavy-duty safety glass, stronger load capacity).

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