



PRL

GLASS
SYSTEMS

Aluminum
ARCHITECTURAL PRODUCTS
Complete Glazing Solutions

IF SPEED MATTERS!

We Offer the Fastest Lead Times

*Consult PRL for details



NATIONAL
Minority Supplier
Development Council



MANUFACTURED
IN USA

f X @ y d p in
@prlglassandaluminum

GLASS GUIDE FOR ARCHITECTURAL APPLICATIONS

CONTACT ALUMINUM: 877-775-2586 GLASS: 800-433-7044 www.prlglass.com

LOW-E GLASS

PRL is a certified Vitro™ and Guardian Select™ Fabricator



For Exterior Applications

Low-E coated glass is a versatile architectural glazing solution designed to improve building energy efficiency while maintaining excellent clarity and natural light transmission. It plays a key role in the performance of storefronts, windows, doors, and curtain wall systems.

► Features

- Available with Pyrolytic and MSVD Low-E coatings
- Improves energy efficiency and solar control
- Helps reduce heating, cooling, and lighting costs
- High visible light transmittance with low-to-medium reflectivity
- Supports compliance with local and regional energy codes
- Available in Low-Iron Substrates

► Specifications

- Thickness options: 1/8", 3/16" and 1/4"
- Fast industry lead times with next-day service available

► Available Applications

- Storefronts
- Windows and doors
- IG Units



REFLECTIVE GLASS

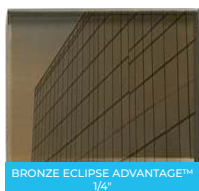
Features

- Improves solar control and helps regulate interior temperatures.
- Reduces the amount of sun-damaging ultraviolet rays and heat entering the space.
- Available in 1/4" thickness*

*Contact PRL for details.



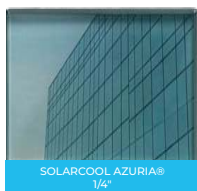
Colors Available



BRONZE ECLIPSE ADVANTAGE™
1/4"



SOLARCOOL SOLARGRAY®
1/4"



SOLARCOOL AZURIA®
1/4"



SOLARCOOL SOLARBLUE®
1/4"



BLUEGREEN ECLIPSE
ADVANTAGE™
1/4"



SOLARCOOL PACIFICA®
1/4"

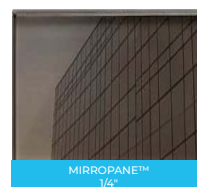


VISTACOOL PACIFICA®
1/4"



SOLARCOOL SOLARBronze®
1/4"

Specialty Glass, Not for Structures



MIRROVIEW™
1/4"



MIRROVIEW™
1/4"

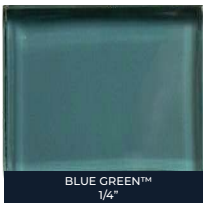
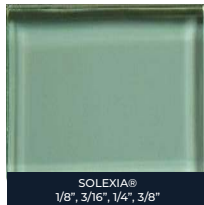
Pilkington MirroView™ is a reflective glass designed to conceal digital displays when off and reveal them when in use. Ideal for low-light applications, it offers a sleek appearance and can be tempered or laminated for versatile use.

TINTED UNCOATED GLASS

► Features

- Versatile range of tints
- Provide higher levels of natural daylight
- Lower solar heat loads.

► Tints Available



TEXTURED GLASS

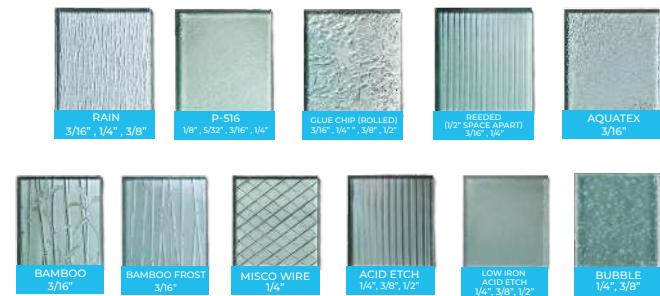


**For the complete selection of textures and patterns, please consult PRL.*

► Features

- Provides discreet privacy while allowing natural light to pass through
- Ideal for applications such as shower doors, handrail systems, infill panels, and wall coverings
- Suitable for laminated glass configurations for added safety and performance
- Available in a variety of glass patterns
- Thickness options typically available from 1/8" to 1/2" in stock

► Available Textures



SANDBLASTED GLASS

► Features

- Custom sandblasted artwork including logos, patterns, and decorative designs
- Available in surface or deep carved sandblast finishes
- Supports artistic, ornamental, abstract, and contemporary designs
- Options for tri-dimensional sandblast and custom edge detailing
- Applications: entrance doors, sliding systems, shower enclosures, tabletops, handrails, and decorative glass



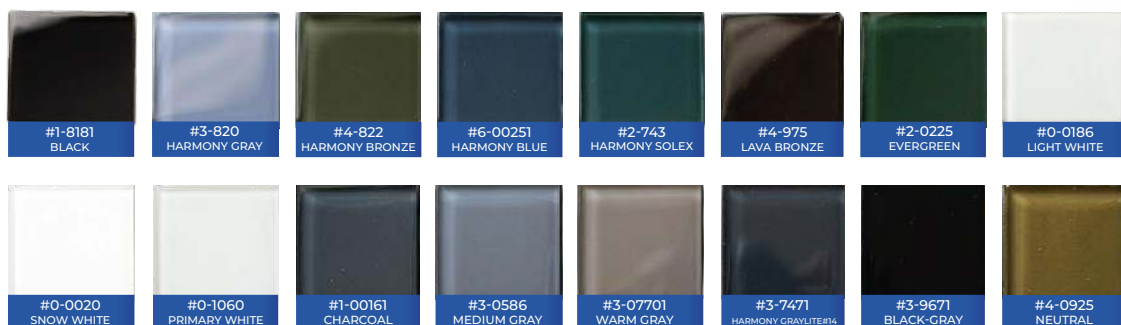
SPANDREL GLASS

► Features

- Conceals structural elements such as floors, columns, HVAC systems, wiring, and insulation
- Offered with **ICD OPACI-COAT 300** water-based silicone coating
- Compatible with annealed, tempered, laminated, and heat-strengthened glass
- Applicable on low-iron, clear, and reflective glass
- Supports thermal and acoustic performance while maintaining exterior aesthetics
- Can be used to blend with vision glass or create contrasting architectural designs

► Available Colors

**Contact PRL for custom colors and details.*



MIRROR

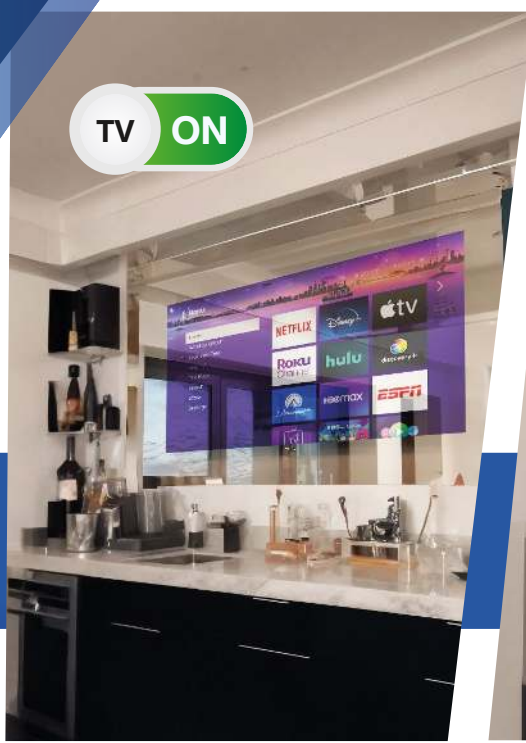


► Features

- Available in clear, clear low-iron, bronze and gray options
- Thickness options: 1/8", 3/16", and 1/4"
- High clarity and brightness for enhanced light reflection and spacious interiors
- Custom fabrication including polished edges, beveled edges, cut-outs and sandblasted designs
- Available in oversized or sectional configurations for large wall installations

MIRROVIEW™

Two-way mirror glass designed to conceal TVs and digital displays behind a reflective surface. When the screen is off, it functions as a mirror; when activated, it reveals a clear display without interrupting the design of the space.



TEMPERED GLASS



► Features

- Approximately 4 to 5 times stronger than standard annealed glass
- Produced through a controlled heat-treatment process that increases strength and durability
- High-resistance to impact, wind loads, and thermal stress
- Cannot be cut or modified after tempering

► Safety and Performance

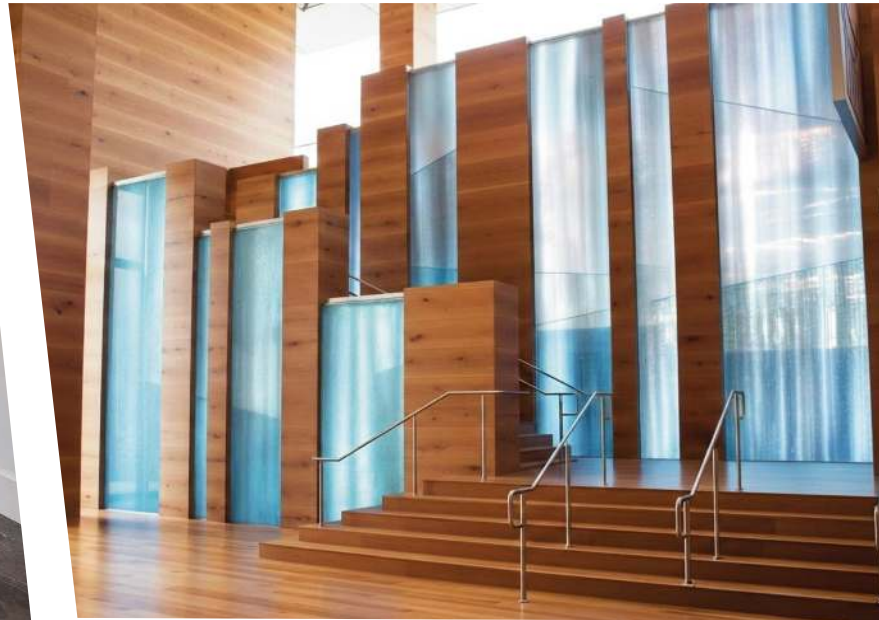
- Designed to fracture into small, blunt fragments to reduce risk of injury
- Provides enhanced impact resistance and structural strength
- **Heat Resistance:** Designed to withstand temperatures up to approximately 470°F–500°F (≈300°C)
- **Thermal Shock Tolerance:** It can withstand sudden temperature changes of up to making it highly resistant to shattering from sudden temperature changes
- Meets major safety glazing standards including ANSI Z97.1, ASTM C1048, and CPSC 16 CFR 1201

Max Tempering Oven Capacity

- Maximum glass size: 110" × 198"
- Tempering range: 1/8" – 3/4" thickness
- High production capacity



LAMINATED GLASS



► Features

- Constructed with two or more glass layers bonded with a durable interlayer
- Can be manufactured with annealed, heat-strengthened, or tempered glass
- Available in multiple thicknesses and configurations to meet project requirements
- Glass fragments remain bonded to the interlayer after breakage
- Provides enhanced impact resistance and structural integrity
- Helps block up to 99% of harmful UV radiation
- Improves acoustic performance by reducing sound transmission



► Scan to Explore Each Laminated Glass Capability

► Glass Capabilities

- Sound Control Laminated Glass
- Decorative Laminated Glass
- Rainbow Color Lami Glass
- SentryGlas®
- Bullet Resistant Glass
- Impact Resistant Glass
- Switch-It Privacy Glass

► Design Options

- Available in clear, tinted, and decorative glass combinations
- Can incorporate multiple glass types and coatings
- Suitable for architectural, structural, and decorative glazing systems

SWITCH-IT PRIVACY GLASS



Features

- Instantly switches from transparent to opaque with the flip of a switch
- Smart glass technology provides on-demand privacy without blinds or shades
- Can be controlled through automated systems, remotes, or smartphones
- Fabricated in-house for quality control and fast production
- Contributes to energy efficiency by controlling light transmission
- Eliminates the need for traditional window coverings



Applications

- Conference rooms
- Office partitions
- Healthcare facilities
- Residential spaces
- Storefronts and commercial interiors
- Hospitality and luxury design environments

Additional Details

- Compatible with framed glazing systems
- Suitable for interior and exterior applications
- Backed by a 1-year warranty*

**Consult PRL for details.*

BULLET RESISTANT GLASS

LEVELS 1 TO 8
1 2 3 4 5 6 7 8



► Tested in accordance with UL752 & NIJ 0108.01 ballistic standards

► Features

- Laminated glass system engineered for high ballistic resistance
- Manufactured with proprietary blends of glass, PVB, and polycarbonate layers
- Designed to be thinner and lighter than many traditional bullet-resistant systems
- Fabricated in-house for controlled quality and performance

► Security Performance

- Available in Threat Levels 1–8
- Designed to protect against various firearms and ammunition types
- Provides high ballistic resistance without excessive weight or thickness
- Engineered laminated structure helps absorb and disperse projectile energy

► Available Options

- Available in clear and tinted shades
- Standard sizes up to 60" × 96"*

**Consult PRL for custom sizes.*



Total energy performance units features:

Dual seal Primary seal, butyl
Secondary seal, polysulfide / silicone
Argon gas-fill (optional)
3/16"-3/4" Aluminum spacer with integral desiccant
Unit thickness from 1/2" inches to 1 1/2" inches



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INSULATED GLASS

PRL Insulating Glass Units can be composed of two or more sheets of float or coated glass. Providing heat or cold insulation, condensation and sound control.

▶ Key Benefits

- Enhanced Energy Efficiency
- Improved Thermal Comfort
- Condensation Reduction
- Sound Reduction
- Compatible with Low-E coatings & gas fills for advanced performance



▶ Total Energy Units Features

Dual Seal

Primary seal: Butyl

Sec. Seal: Polysulfide/Silicone

Argon gas-fill (optional)

Unit Thickness:
1/2" – 1 1/2"

3/16"-3/4"
Aluminum
spacer with
integral
desiccant



Guardian Products:
SN68 & SNX 62/27 (Soft-Coat Low-E)

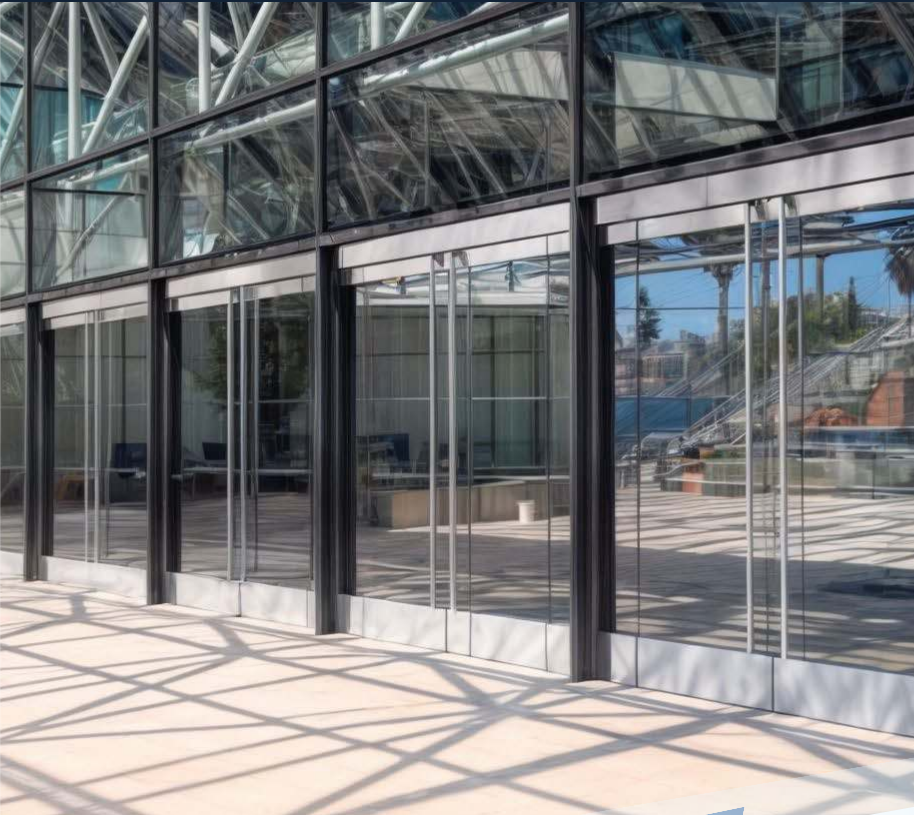


COMPLETE GLASS SYSTEMS

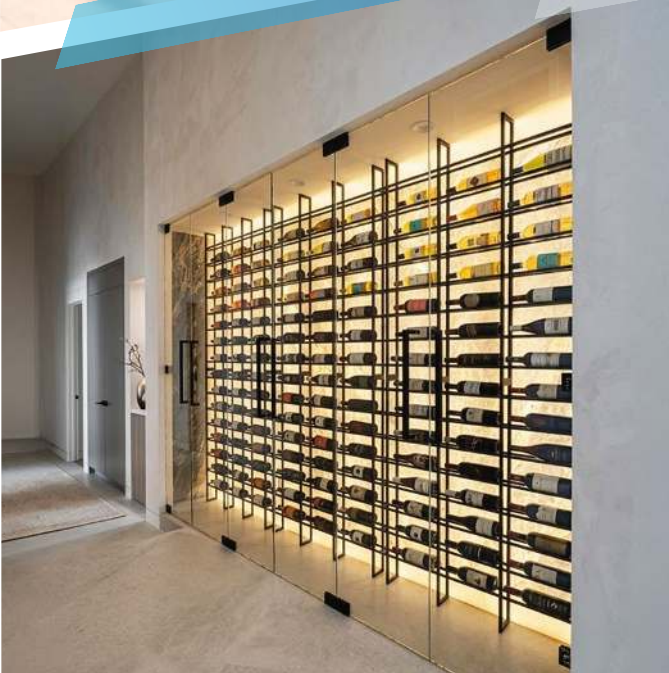
ONE ORDER, ONE COMPLETE SYSTEM, READY TO INSTALL



ALL-GLASS ENTRANCE DOORS



SHOWER UNITS



WINE CELLARS



RAILING SYSTEMS

COMPLETE ALUMINUM SYSTEMS



MAX ALUMINUM WINDOW

ALUMI-COMMERCIAL DOOR



FULL-FRAMED CLADDIED DOORS



STOREFRONT



MAX ALUMINUM SLIDER



ACCORDION BIFOLD



SUNNY LUX

RESIDENTIAL ALUMINUM DOOR



- **New Lock Features**
- Smart Digital Lock
 - One-Touch Access
 - Long Battery Life
 - Sleek Minimal Design
 - Advanced Secure Tech





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LOW-E GLASS IG UNITS



REFLECTIVE GLASS



LAMINATED GLASS