

Vision 60 System™

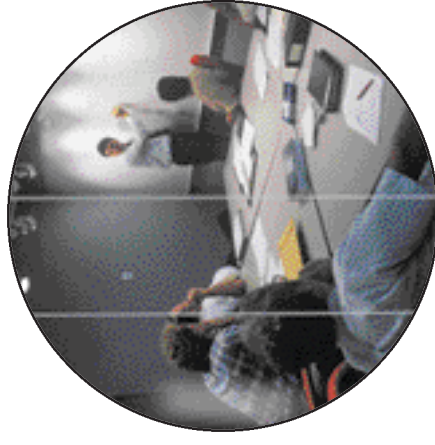


Introducing A New Vision in Fire Rated Walls.



Visionary Designs

Imagine an entire fire rated wall free of vertical frames, where each glass panel is butt against the next. Truly free and open vision is now possible for your fire rated projects! Introducing the first U.S. 60-minute, fire-rated, butt-glazed transparent wall—the Vision 60 System™. This system offers you what you have wanted for years—the ability to have a rated, continuously glazed transparent wall, uninterrupted by intermediate framing—without compromising the beauty and elegance of your vision. The Vision 60 System is ideal for transportation facilities—such as airports and train stations—retail centers, commercial office buildings, hospitals, schools and any other location where uninterrupted viewing would be aesthetically pleasing. Let your imagination go! The future in fire rated walls is available now with the Vision 60 System from InterEdge Technologies®.



Unlimited Viewing

The Vision 60 System utilizes Pyrobel-60® fire rated glazing, manufactured by Glaverbel®, and InterEdge's Quick-Frame™, StileLite™ or HighLite™ framing system at the perimeter. The glazing panels are separated by a maximum space of 4mm, which is filled with neutral silicone caulking—or other 100% pure silicone—and cured for a minimum of 30 days. Pyrobel-60 is available in maximum panel sizes of 4' x 8' and can be glazed either horizontally or vertically, but not stacked. Additionally, decorative profiles of aluminum, wood or steel may be applied to the face of the glazing to cover the silicone joints and add to the aesthetics of the surrounding area.

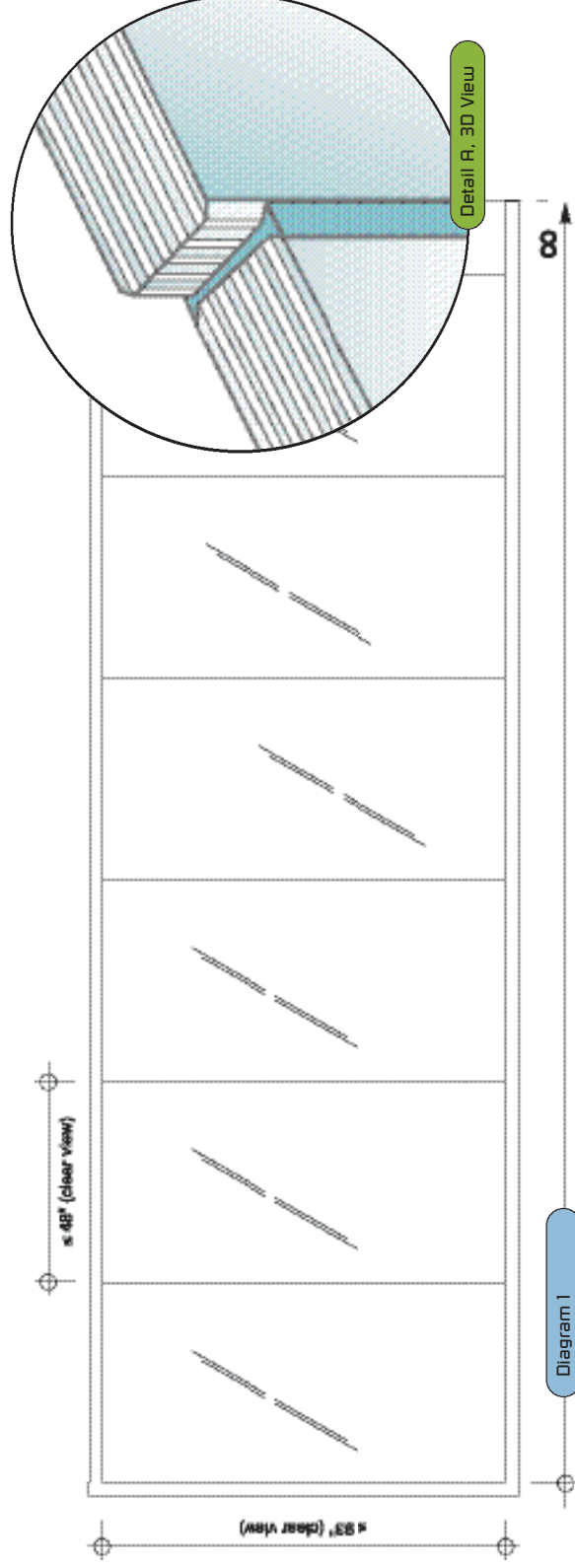
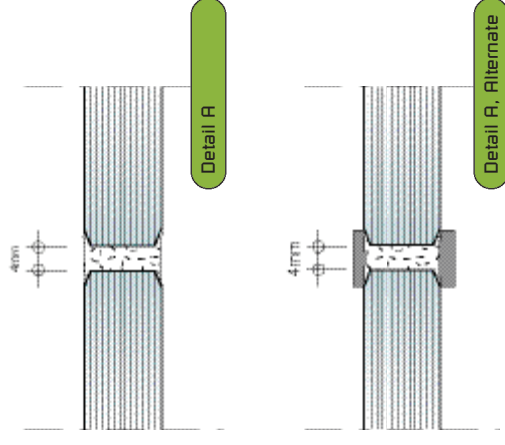
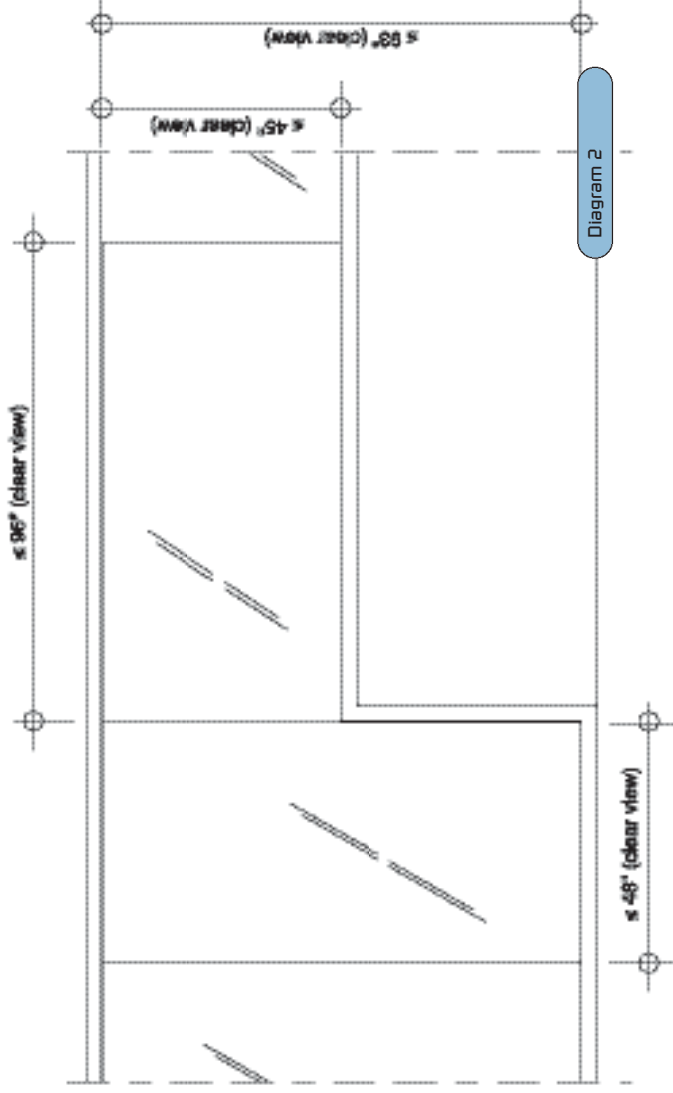


Diagram 1



Diagrams

1: Unlimited number of glass panels can be glazed into wall—subject to structural engineering approval.

2: Pyrobel glazing panels available in a maximum size of 48" x 93" if glazed vertically, or 45" x 96" if glazed horizontally. Glazing cannot be stacked.

Details

A: Silicone Joint Detail & Alternate

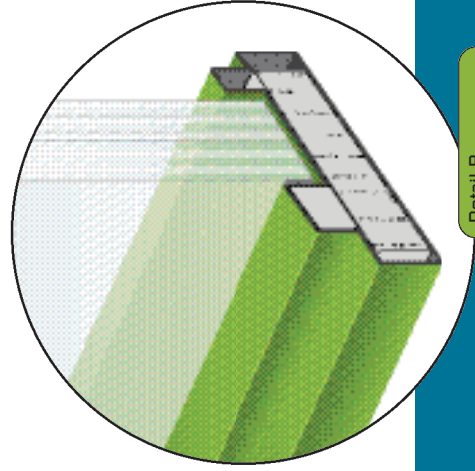
Glass panels are separated by no more than 4mm of space and filled with 100% pure silicone caulking. Decorative profiles of aluminum, wood, or steel may be applied to the face of the glazing.

B: Perimeter Frame Detail

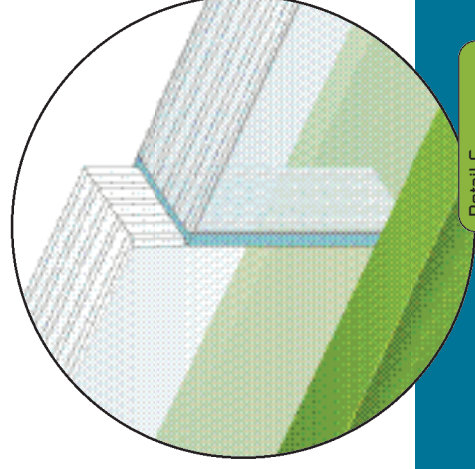
Perimeter framing can be Quick-Frame, StilleLite or HighLite systems with 1-1/2" stop height

C: Connection Between Glass Panels

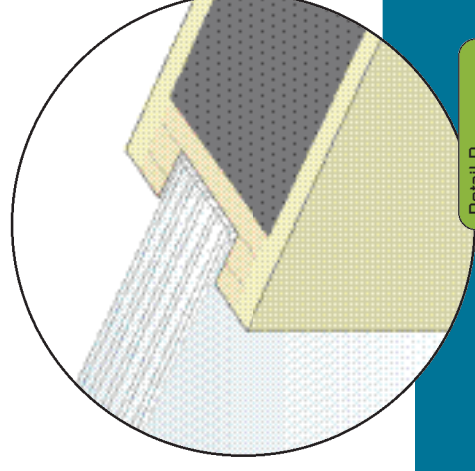
D: Concealed Perimeter Option (Quick-Frame)



Detail B



Detail C



Detail D

Diagrams

3: Full lite doors can be incorporated into the Vision 60 System, providing a continuous glazed wall

Details

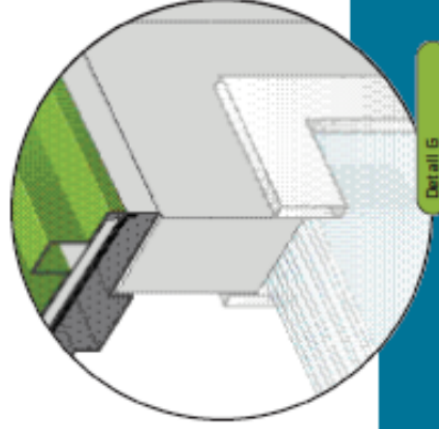
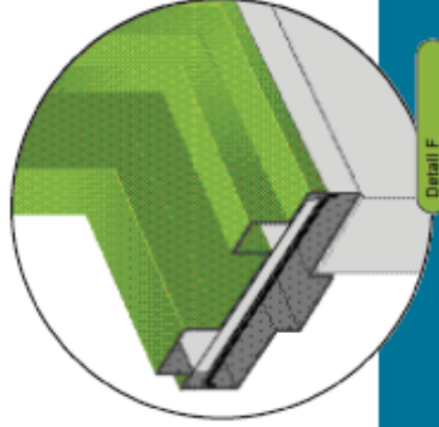
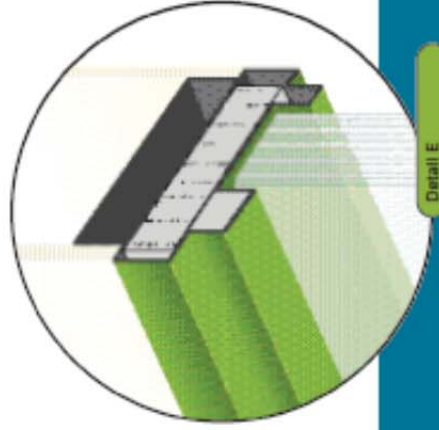
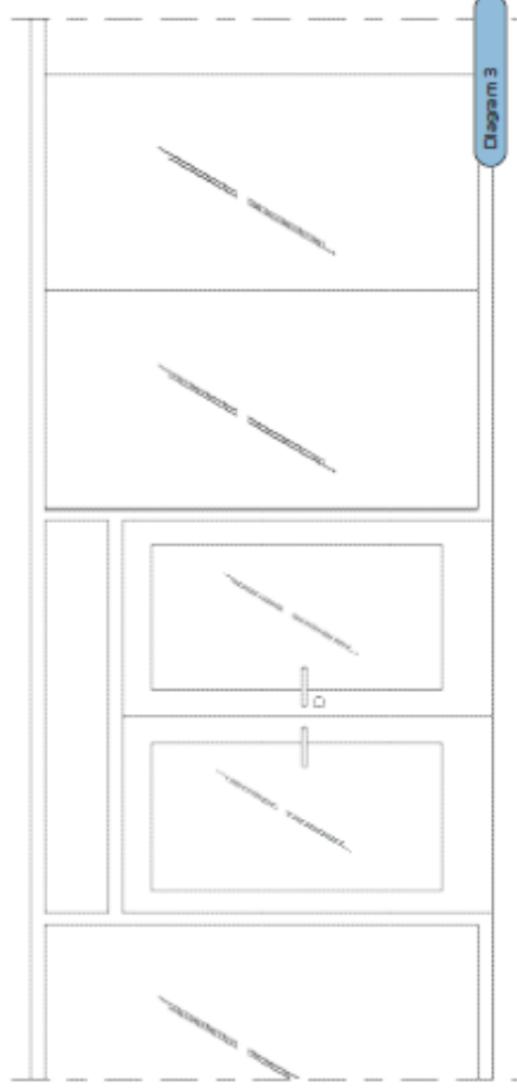
E: Top Connection

F: Door Frame Connection

Please consult the individual framing specifications for hardware options available.

G: Pyrobel Glass In Doors

Lites for Pyrobel are available directly from Anemostat Door Products at (310) 835-7500, or can be manufactured along with StileLite 60 frames.



Technical Information

Maximum Glazing Sizes (clear view)

Wall Systems	Width	Height	Max. Square In.	Stop Height
glazed horizontally	96"	45"	4320"	1-1/2"
glazed vertically	48"	93"	4464"	1-1/2"

Pyrobel-60-25 for the Vision 60 System may be glazed either horizontally or vertically, but not stacked. Maximum panel size (clear view) cannot exceed sq. in. dimension listed above, and are subject to stock sheet sizes available.

Installation Requirements

- Pyrobel-60-25 glazing provided with arris cut at butt edge of glass
- Space between glazing panels not to exceed 4mm
- Dow Corning 794s neutral silicone (or other 100% pure silicone) caulking to be pressure-glazed at butt joints only and cured for a minimum of 30 days
- Pyrobel must be glazed with 3/16" x 1-1/4" closed cell foam glazing tape with neutral cure silicone around the perimeter of both sides of glass (perimeter silicone must not be pressure glazed)
- PEMKO 3000S45 intumescent tape to be applied at the top stops in addition to closed cell foam tape (apply PEMKO tape on top of close cell foam tape to form two layers of tape)
- Perimeter framing to be either Quick-Frame, StileLite or HighLite systems with 1-1/2" stop height.
- Decorative profiles may be added to the face of the glass

Due to the complex nature of this wall system, glazing instructions must be followed explicitly in order to maintain the manufacturer's guarantee. Specifications can be obtained from our website at www.firesafe-glass.com, or by calling us toll-free at 1-877-376-3343.

Pyrobel is a registered trademark of Glaverbel S.A. Vision 60 System, Quick-Frame, StileLite and HighLite are trademarks of InterEdge Technologies. Consult with the local authority having jurisdiction (AHJ) before specifying or purchasing any product for your project. Details shown are to illustrate general installation guidelines. They are not to scale and should not be used to accurately detail your project. Please contact InterEdge Technologies for more information.

Listings

Testing completed by Intertek Testing Services Warnock-Hersey certification in accordance with ASTM E-119 (1998), NFPA-251 (1999), UBC 7-1 (1997), CAN/ULC-101-M89, UL-263. Test report number WHI 495-1698 and WHI 495-1679.

Labeling

All products are labeled bearing the manufacturers name, testing laboratory, rating and safety standards.

Specifications

All 60 minute fire rated and impact safety rated glazing shall be designated on the drawings as Pyrobel-60-25, 60 minute fire and safety glazing.

Storage and Handling

Store in a dry, ventilated location, not exposed to solar radiation at temperatures not to exceed -20°F or 120°F. Always maintain glass in a vertical position with back slightly inclined at 6-10°.

Quality Standard

Pyrobel products are specially prepared products designed to prevent the expansion of fire. Thus, the specific optical quality should not be compared to single float or laminated PVB glazing. Consult InterEdge for specific acceptable quality standards before purchase.

See Pyrobel-60 datasheet for product guarantee and glass characteristics. Refer to individual framing specifications for more detailed information.

www.firesafe-glass.com

Also visit our parent company, AFG Glass at www.afg.com



**INTEREDGE
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