



ARCHITECTURAL GLASS ART, INC.

CAST GLASS SPECIFICATIONS

SUGGESTED APPLICATIONS

- Doors and entries
- Office and conference room walls
- Partitions
- Balcony and stair railings
- Windows
- Lighting
- Interlocking Glass Block walls
- Pavers and stair treads
- Shower and bath enclosures

DESIGN OPTIONS

- Standard textural patterns are available.
- Custom textural patterns can be produced.
- Standard and custom patterns may be mixed or combined within a cast glass panel.
- Smooth linear elements of varying widths can be used to contrast textural patterns and provide an additional design component.
- Custom graphics (i.e. names, signage, logos, numbers) can be incorporated into the pattern.
- Glass elements (jewels, fused tiles, etc.) can be laminated to the surfaces.
- Cast Glass can be combined with sandblasting or Fired Ceramic Frit.
- Can be incorporated into Interlocking Glass Block (U.S. Pat. 5367846).
- Glass can be optically clear (i.e. PPG Starphire® or Optiwhite®), clear plate glass (slight greenish cast), or any standard glass color.
- Cast Glass can be laminated or tempered for applications requiring safety glass.

PERFORMANCE CHARACTERISTICS

- Can be tempered and laminated.
- Maximum sizes: 60" x 120".
- Available in any standard sheet glass thickness.
- Can be installed into conventional door, window, and railing frame systems.
- Can be notched and drilled to receive hardware.
- Easily cleaned with conventional glass cleaners.
- Edges can be polished.
- Can be used for exterior glazing.

QUALIFICATIONS/WARRANTY/SPECIFICATIONS

- Glass may vary slightly in thickness and flatness.
- Patterns may shift slightly during the casting. Pattern alignment is to be within 3/16".
- Size tolerance follows industry standards.
- Standard glazing methods and materials as defined by AAMA, FGMA and SIGMA are acceptable in accordance with appropriate application.
- All work shall be warranted for defects in workmanship for one (1) year from date of production.
- Any custom artwork provided by client shall be copyright free.
- Architectural Glass Art shall not be responsible for copyright infringement on artwork provided by others.
- Architectural Glass Art shall hold copyrights to all designs created by the studio.
- Tempered Cast Glass conforms to the following standards:
 - ASTM, C1038 for flat glass
 - ASTM, C1048 for heat-treated flat glass
 - Consumers Product Safety Commission 16 CFR-1201
 - ANSI, Z-97.1 for safety glass

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