



SECTION 10 11 16

GLASS MARKER BOARDS

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PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Glass marker boards. (Max Glassboards)

1.2 RELATED SECTIONS

- A. Section 08 83 13 - Mirrored Glass Glazing.
- B. Section 08 81 13 - Decorative Glass Glazing.

1.3 REFERENCES

- A. American National Standards Institute (ANSI):
- B. ANSI Z97.1 - For Safety Glazing Materials Used In Buildings - Safety Performance Specifications And Methods Of Test.
- C. United States Code of Federal Regulations (CFR):
- D. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data:
- C. Manufacturer's data sheets on each product to be used.
- D. Preparation instructions and recommendations.
- E. Storage and handling requirements and recommendations.
- F. Typical installation methods.

- G. Verification Samples: Two representative units of each type, size, pattern, and color.
- H. Shop Drawings: Include details of materials, construction, and finish. Include relationship with adjacent construction.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum five years documented experience.
- B. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
- C. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.
- D. Mock-Up: Construct a mock-up with actual materials in sufficient time for Architect's review and to not delay construction progress. Locate mock-up as acceptable to Architect and provide temporary foundations and support.
- E. Intent of mock-up is to demonstrate quality of workmanship and visual appearance.
- F. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
- G. Retain mock-up during construction as a standard to compare with completed work.
- H. Do not alter or remove mock-up until work is completed or removal is authorized.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
- B. Protect from damage due to weather, excessive temperature, and construction operations.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.8 WARRANTY

- A. Manufacturer's standard limited warranty unless indicated otherwise.
- B. Max Glassboards
 - 1. Interior Applications: 10-year warranty from the date of shipment to the original purchaser provided that the materials have been stored, handled, installed and maintained according to GGI's instructions and recommendations.
 - 2. Interior Applications: _____.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: GGI (General Glass International), which is located at:

101 Venture Way; Secaucus, NJ 07094-1808; Toll Free Tel: 800-431-2042; Tel: 201-553-1850; Fax: 201-553-1851; Email: [request info \(sales@generalglass.com\)](mailto:request_info@generalglass.com); Web: <http://www.generalglass.com>

- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.2 GLASS MARKER BOARDS

- A. Basis of Design: Max Glassboards as manufactured by GGI. Interior applications only. Easy to clean, non-staining. No special cleaning agent required. Non-porous, solid surface. Frameless with polished edges.
- B. Performance Requirements:
 - 1. ANSI Z97.1.
 - 2. 16 CFR 1201.
- C. Glass Board Attributes:
 - 1. Dimensional Tolerance: Plus or minus 1/8 inch (3 mm).
 - 2. Sheet Size: 12 x 12 inch (305 x 305 mm) minimum.
 - 3. Sheet Size: 24 x 36 inch (610 x 914 mm).
 - 4. Sheet Size: 36 x 48 inch (610 x 914 mm).
 - 5. Sheet Size: 48 x 60 inch (914 x 1524 mm).
 - 6. Sheet Size: 48 x 72 inch (914 x 1829 mm).
 - 7. Sheet Size: 48 x 96 inch (914 x 2438 mm).
 - 8. Sheet Size: 48 x 120 inch (914 x 3048 mm).
 - 9. Sheet Size: 70 x 144 inch (1778 x 3658 mm) maximum.
 - 10. Sheet Size: ____ x ____ inches (____ x ____ mm).
 - 11. Mounting Orientation: Portrait.
 - 12. Mounting Orientation: Landscape.
 - 13. Glass Thickness; Single-Sided: 3/16 to 1/4 inch (5 to 6 mm).
 - 14. Glass Thickness; Double-Sided: 3/8 to 1/2 inch (10 to 13 mm).
 - 15. Glass Type: Clear.
 - 16. Glass Type: Ultra-clear low-iron.
 - 17. Glass Type: Satin-etched.
 - 18. Glass Type: Satin-etched low-iron.
 - 19. Glass Type: Crystal light for a soft matte finish.
 - 20. Glass Type: Annealed.
 - 21. Glass Type: Tempered.
 - 22. Magnetic.
 - 23. Non-Magnetic.
- D. Customization:
 - 1. Shapes: As detailed on the Drawings.
 - 2. Shapes: _____.
 - 3. Cut-Outs, Holes, and Notches: As detailed on the Drawings.
 - 4. Cut-Outs, Holes, and Notches: _____.
 - 5. Back-Painted Color: As detailed on the Drawings.
 - 6. Back Painted Color:
 - a. Single-Sided Thickness: _____.
 - b. Double Sided Thickness:
 - 1) Side One: _____.
 - 2) Side Two: _____.
 - 7. Custom Printed Designs: As detailed on the Drawings.
 - a. See manufacturers website for standard design options:

<https://generalglass.com/products/alice-digital-ceramic-printing/>

- 1) Custom designs available
8. Custom Printed Designs: _____.
9. Simulated Chalkboards: Green or black.
10. Simulated Chalkboards: Black.

2.3 INSTALLATION HARDWARE

- A. Hidden Installation Using Concealed Hardware:
- B. Thermal Bond Structural Glazing Spacer Tape: 1/4 x 1/2 inch (6 x 12 mm) Norton V2100.
- C. MF Tape Bracket.
- D. Flat Head, Phillips Machine Screws: 1/4-20 inch x 2-1/2 inch (64 mm).
- E. Anchor: Snap Toggle.
- F. MF 375 Clip Wall Mounted Channel.
- G. Point Max Glassboard Installation Using Exposed Fasteners:
- H. Point fittings.
 1. Finish: _____.
- I. Body washers and head.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly constructed and prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions approved submittals and in proper relationship with adjacent construction.

3.4 FIELD QUALITY CONTROL

- A. Field Inspection: Coordinate field inspection in accordance with appropriate sections in Division 01.
- B. Manufacturer's Services: Coordinate manufacturer's services in accordance with appropriate sections in Division 01.

3.5 CLEANING AND PROTECTION

- A. Clean products in accordance with the manufacturer's recommendations.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION