SECTION 10 11 16

GLASS MARKER BOARDS

Display hidden notes to specifier. (Don't know how? [Click Here](https://www.arcat.com/sd/display_hidden_notes.shtml))

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\*\* NOTE TO SPECIFIER \*\* GGI (General Glass International); architectural glass.
This section is based on the products of 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)](https://admin.arcat.com/users.pl?action=UserEmail&company=GGI+(General+Glass+International)&coid=44075&rep=&fax=201-553-1851&message=RE:%20Spec%20Question%20(10116ggi):%20%20&mf=)
Web: <http://www.generalglass.com>
 [ [Click Here](https://www.arcat.com/arcatcos/cos44/arc44075.html) ] for additional information.
GGI is a leading custom glass fabricator and distributor of architectural glass, including decorative, fire-rated, bird-friendly and other specialty glass solutions for commercial building facades, insulating glass units, interior design and public art applications. Glass that is functional, decorative and environmentally friendly combined with precision workmanship and five generations of glass industry expertise. This is what you can count on from GGI. GGI sources globally, fabricates locally and distributes nationally. We do the exceptional and the everyday with glass. Learn more www.generalglass.com.

1. GENERAL
	1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Glass marker boards. (Max Glassboards)
	1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 08 83 13 - Mirrored Glass Glazing.
		2. Section 08 81 13 - Decorative Glass Glazing.
	1. REFERENCES
		1. American National Standards Institute (ANSI):
		2. ANSI Z97.1 - For Safety Glazing Materials Used In Buildings - Safety Performance Specifications And Methods Of Test.
		3. United States Code of Federal Regulations (CFR):
		4. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials.
	2. SUBMITTALS
		1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
		2. Product Data:
		3. Manufacturer's data sheets on each product to be used.
		4. Preparation instructions and recommendations.
		5. Storage and handling requirements and recommendations.
		6. Typical installation methods.

\*\* NOTE TO SPECIFIER \*\* Delete if not applicable to product type.

* + 1. Verification Samples: Two representative units of each type, size, pattern, and color.
		2. Shop Drawings: Include details of materials, construction, and finish. Include relationship with adjacent construction.
	1. QUALITY ASSURANCE
		1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum five years documented experience.
		2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
		3. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.

\*\* NOTE TO SPECIFIER \*\* Include mock-up if the project size or quality warrant the expense. The following is one example of how a mock-up on might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. 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.
		2. Intent of mock-up is to demonstrate quality of workmanship and visual appearance.
		3. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
		4. Retain mock-up during construction as a standard to compare with completed work.
		5. Do not alter or remove mock-up until work is completed or removal is authorized.
	1. DELIVERY, STORAGE, AND HANDLING
		1. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
		2. Protect from damage due to weather, excessive temperature, and construction operations.
	2. PROJECT CONDITIONS
		1. 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.
	3. WARRANTY
		1. Manufacturer's standard limited warranty unless indicated otherwise.

\*\* NOTE TO SPECIFIER \*\* Verify availability of warranties and warranty periods. Glass manufacturers typically begin the warranty period at the date of manufacture. Fill in blank below or delete line as applicable.

* + 1. 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: \_\_\_\_\_\_\_\_.
1. PRODUCTS
	1. MANUFACTURERS
		1. 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)](https://admin.arcat.com/users.pl?action=UserEmail&company=GGI+(General+Glass+International)&coid=44075&rep=&fax=201-553-1851&message=RE:%20Spec%20Question%20(10116ggi):%20%20&mf=); Web: <http://www.generalglass.com>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs: coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.
	1. GLASS MARKER BOARDS

\*\* NOTE TO SPECIFIER \*\* Max Glassboards can be shaped and back-painted in almost any color, pattern, image, or artwork, creating a blank canvas, creative prompt, company branding, or functional surface that accepts a wide range of markers and can be easily and completely cleaned with just a quick wipe down. Magnetic and non-magnetic options available, single and double-sided.

* + 1. 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.
		2. Performance Requirements:
			1. ANSI Z97.1.
			2. 16 CFR 1201.
		3. Glass Board Attributes:
			1. Dimensional Tolerance: Plus or minus 1/8 inch (3 mm).

\*\* NOTE TO SPECIFIER \*\* Custom Sizes Are Available. Delete attribute options not required.

* + - 1. Sheet Size: 12 x 12 inch (305 x 305 mm) minimum.
			2. Sheet Size: 24 x 36 inch (610 x 914 mm).
			3. Sheet Size: 36 x 48 inch (610 x 914 mm).
			4. Sheet Size: 48 x 60 inch (914 x 1524 mm).
			5. Sheet Size: 48 x 72 inch (914 x 1829 mm).
			6. Sheet Size: 48 x 96 inch (914 x 2438 mm).
			7. Sheet Size: 48 x 120 inch (914 x 3048 mm).
			8. Sheet Size: 70 x 144 inch (1778 x 3658 mm) maximum.
			9. Sheet Size: \_\_\_\_ x \_\_\_\_ inches (\_\_\_\_ x \_\_\_\_ mm).
			10. Mounting Orientation: Portrait.
			11. Mounting Orientation: Landscape.
			12. Glass Thickness; Single-Sided: 3/16 to 1/4 inch (5 to 6 mm).
			13. Glass Thickness; Double-Sided: 3/8 to 1/2 inch (10 to 13 mm).
			14. Glass Type: Clear.
			15. Glass Type: Ultra-clear low-iron.
			16. Glass Type: Satin-etched.
			17. Glass Type: Satin-etched low-iron.
			18. Glass Type: Crystal light for a soft matte finish.
			19. Glass Type: Annealed.
			20. Glass Type: Tempered.
			21. Magnetic.
			22. Non-Magnetic.

\*\* NOTE TO SPECIFIER \*\* Delete customization options not required or delete entire paragraph.

* + 1. 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: \_\_\_\_\_\_\_\_.

\*\* NOTE TO SPECIFIER \*\* There are several standard colors in stock for quick and easy turnaround. Custom color matching is available from any reference material: RAL Color Code, Benjamin Moore, Sherwin Williams, and more. Double-sided glass can have a different color on both sides. Delete back painting color options not required.

* + - 1. Back-Painted Color: As detailed on the Drawings.
			2. Back Painted Color:
				1. Single-Sided Thickness: \_\_\_\_\_\_\_\_.
				2. Double Sided Thickness:

Side One: \_\_\_\_\_\_\_.

Side Two: \_\_\_\_\_\_\_\_.

* + - 1. Custom Printed Designs: As detailed on the Drawings.
				1. See manufacturers website for standard design options: https://generalglass.com/products/alice-digital-ceramic-printing/

Custom designs available

* + - 1. Custom Printed Designs: \_\_\_\_\_\_\_\_.
			2. Simulated Chalkboards: Green or black.
			3. Simulated Chalkboards: Black.
	1. INSTALLATION HARDWARE
		1. Hidden Installation Using Concealed Hardware:

\*\* NOTE TO SPECIFIER \*\* Delete options not required.

* + 1. Thermal Bond Structural Glazing Spacer Tape: 1/4 x 1/2 inch (6 x 12 mm) Norton V2100.
		2. MF Tape Bracket.
		3. Flat Head, Phillips Machine Screws: 1/4-20 inch x 2-1/2 inch (64 mm).
		4. Anchor: Snap Toggle.
		5. MF 375 Clip Wall Mounted Channel.
		6. Point Max Glassboard Installation Using Exposed Fasteners:
		7. Point fittings.
			1. Finish: \_\_\_\_\_\_\_\_.
		8. Body washers and head.
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly constructed and prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.
	2. PREPARATION
		1. Clean surfaces thoroughly prior to installation.
		2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
	3. INSTALLATION
		1. Install in accordance with manufacturer's instructions approved submittals and in proper relationship with adjacent construction.
	4. FIELD QUALITY CONTROL
		1. Field Inspection: Coordinate field inspection in accordance with appropriate sections in Division 01.

\*\* NOTE TO SPECIFIER \*\* Include if manufacturer provides field quality control with onsite personnel for instruction or supervision of product installation, application, erection or construction. Delete if not required.

* + 1. Manufacturer's Services: Coordinate manufacturer's services in accordance with appropriate sections in Division 01.
	1. CLEANING AND PROTECTION
		1. Clean products in accordance with the manufacturer's recommendations.
		2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION