



PART 1 – GENERAL

1.01 DESCRIPTION OF WORK

A. Section Includes:

1. Fixed dry-erase magnetic glass markerboards
2. Fixed dry-erase non-magnetic glass markerboards

1.02 REFERENCE STANDARDS

A. American National Standard's Institute

1. ANSI Z97.1 Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test

B. American Society for Testing Methods

1. ASTM B221 Standard Specifications for Aluminum and Alloy Extruded Bars, Rods, Wires, Profiles and Tubes
2. ASTM C1036 Standard Specification for Flat Glass
3. ASTM C1048 Standard Specification for Heat-Treated Flat Glass -Kind HS, Kind FT Coated and Uncoated Glass
4. ASTM C1172 Standard Specification for Laminated Architectural Flat Glass

1.02 SUBMITTALS

- A. Shop Drawings: Provide shop drawings for each type of visual display board required.
- B. Product Data: Provide technical data for materials specified. Include Material Safety Data Sheets, when applicable.
- C. Samples: Provide samples to illustrate finish and texture, where required.
- D. Manufacturer's Instructions: Provide Manufacturer's installation and cleaning instructions.
- E. Comply with Section 01 33 00 – Submittal Procedures

1.03 QUALITY ASSURANCE

A. Manufacturer Qualifications:

1. Manufacturer shall be a firm engaged in the manufacture of visual display boards in the United States
2. Manufacturer shall have a minimum of 5 years' experience in the manufacture of visual display boards.

B. Operation and Maintenance: Include data on regular cleaning, stain removal and precautions.

C. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specific requirement and are suitable for intended application.

D. Warranty Documentation: Submit Manufacturer's standard warranty.

1.04 PROJECT CONDITIONS

- A. Field measure prior to preparation of the shop drawings and fabrication to ensure proper fit.
- B. Comply with manufacturer's recommendations for acclimating area for interior moisture and temperature to approximate normal occupied conditions.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Schedule delivery of visual display boards with spaces sufficiently complete so that visual display boards can be installed upon delivery.
- B. Store products in Manufacturer's unopened packaging until ready for installations.
- C. Store materials protected from exposure to harmful weather conditions and at temperatures and humidity conditions recommended by Manufacturer.

1.06 WARRANTY

- A. Submit a warranty, stating that under normal usage and maintenance, and when installed in accordance manufacturer's instructions and recommendations, Arrow Glassworks glass markerboard writing surfaces shall have a LIFETIME WARRANTY in normal conditions, FIVE-YEAR WARRANTY on Glass Integrity in normal conditions. Guarantee covers replacement of defective boards but does not include cost of removal or reinstallation.





PART 2 – PRODUCTS

2.01 MANUFACTURERS

A. Glass Markerboards: Arrow Glassworks, Holbrook, MA 02343
Toll Free: 800-791-2946
Telephone: 781-961-8762
Fax: 781-767-9544
E-mail: info@arrowglassworks.com
website: www.arrowglassworks.com

2.02 MATERIALS

A. Glass Markerboards

1. Glass is PPG Starphire® Low-Iron Glass or Low-Iron Crystal Etched Glass
2. Glass Thickness: Standard 6mm (nominal 1/4"), standard edge shall be a flat polished edge with 1/16" bevel. 7mm (approx. 7/16") shall be a maximum thickness for magnetic markerboard
3. Glass marker writing surface: Smooth finish intended for use with dry-erase markers.
4. Glass Sizes: Maximum sizes: 78" x 142" (One Piece) for PPG Starphire, 78" x 128" (one Piece) for Crystal Etched. (Specify size.)
5. Back Painted Color: 10 standard colors. White LCBA furnished if color not specified (optional colors available). Specially formulated back paint creates a durable paint / glass bond that is fade resistant, water resistant, heat resistant, and environmentally friendly and free of unsafe of unsafe chemicals. Color matching option available.
6. Backing: Magnetic glass markerboards have steel backing permanently adhered to the back of the glass. (Optional)

B. Mounting Methods (specify)

1. SPAN (Z-Bar Mount Hanger clips) – no visible mounting hardware; concealed hanger bar mounted to back of board. Full-length minus 3", concealed z-bar hanger for the wall. Z-bar mounting method to pass 500 lb. load test without failure.
2. BOLT (Standoff Mount Method) – 1" projection Stainless Steel standoff. Standoff shall have a 3/4" diameter as standard, other sizes available. Standoff Mount available as Through-Glass (standard) or Edge Mount (Specify)

C. Patterns

1. Manufacturer shall provide when requested a large selection of in-house patterns and provide a comprehensive graphics lab for creating custom patterns. All postscript or raster graphics shall be supplied to manufacturer in an acceptable media type.

D. Accessories

1. Optional Aluminum Accessory tray equipped with double-sided tape
2. Optional Aluminum Accessory tray equipped with magnets (Magnetic Glass Markerboards only)
3. Optional Marker Caddy equipped with magnets (Magnetic Glass Markerboards only)
4. Marker Pens and Eraser

PART 3 – EXECUTION

3.01 PROJECT CONDITIONS

- A. Interior moisture and temperature should approximate normal occupied conditions.
- B. Verify that wall surfaces are true and plumb and are prepared and ready to receive boards.

3.02 INSTALLATION

- A. Deliver factory-built units completely assembled and of dimensions shown in detail and in accordance with manufacturer's shop drawings as approved by architect.
- B. A 1/16" gap shall be maintained for spacing between panels on large multiple piece installations.
- C. Follow manufacturer's instructions for storage and handling of units before installation.
- D. Do not install on damp walls or in damp and humid weather without heat in the building.
- E. Install level and plumb, keeping perimeter trim straight in accordance with manufacturer's recommendations.
- F. Shall be used as an interior application only.

3.03 ADJUST AND CLEAN

- A. Verify that all accessories are installed as required for each unit.
- B. At completion of work, clean surfaces and trim in accordance with manufacturer's recommendations, leaving all materials ready for use.

END OF SECTION

