

# Specification Guide



ISO 9001:2000



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## SECTION 10441 INTERIOR UNFRAMED SIGNS – ENCAPSULATED

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This is a guide prepared for the specification of Eye Catch Signs' BrilliantTouch®. It is to be used as an aid to designers and architects in preparing written construction details for Interior, ADA compliant, unframed signs fabricated using our patented encapsulated polycarbonate sign manufacturing process.

Please feel free to edit this entire master specification guideline to suit your particular project requirements, or contact us for assistance in clarifying or modifying this specification. Modify or add items as necessary. Delete items which are not applicable. Words and sentences within brackets [\_\_\_\_\_] reflect a choice to be made regarding inclusion or exclusion of a particular item or statement. These sections may include performance, proprietary and descriptive type specifications. Edit to avoid conflicting requirements. Editor's notes to guide the designer and architect are included between lines of asterisks (\*\*\*\*\*) to assist in making choices. **They should be removed before the section is printed for use.**

This guide specification is based on the Construction Specifications Institute (CSI), Section Format standards. References to section names and numbers are based on Master Format 95.

For specification assistance with specific product applications, please contact the offices above. Detailed technical information, including available sizes, may be obtained from Eye Catch Signs International corporate website at [www.eyecatchsigns.com](http://www.eyecatchsigns.com)

All rights reserved, Eye Catch Signs International, we reserve the right to modify these guide specifications at any time. Updates to this guide specification will be posted as they occur. Eye Catch Signs International makes no expressed or implied warranties regarding content, errors, or omissions in the information presented. Specifications modified or rewritten in excess of the supplier's standard processes, products, and procedures may void warranties and related remedies. Contact the offices above regarding modifications and addition of new text.

**1 PART 1- GENERAL**

**1.1 SUMMARY**

- A. Related Documents: Provisions established within the General and Supplementary Conditions of the Contract, Division 1 - General Requirements and the Drawings are collectively applicable to this Section.
- B. Section Includes:
  - 1. Unframed signs with encapsulated face, for interior applications.
  - 2. Unframed signs with encapsulated face, for exterior applications.
  - 3. Unframed signs with encapsulated face, for exterior and interior applications.
- C. Related Sections

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 Eye Catch Signs International has a complete line of signage products for the entire facility, including interior and exterior signs, dimensional letters, and directories. Many interior signs are designed to be updateable by the facility manager. Edit the Related Sections paragraph below to suit project requirements; delete sections that will not be used.  
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- 1. [Section 10441 - Interior Unframed Signs]
- 2. [Section 10441 - Interior Unframed Signs with Decorative Options]

**1.2 ALLOWANCES**

If specific sign quantities, sizes, layouts, and graphic processes are not scheduled, an allowance may be utilized to set aside a monetary amount sufficient for purchase, delivery, and installation of signage.

\*\*\*\*\*  
 [Allowances: Work related to this section is affected by allowances. Refer to Division 1 for allowance amounts and requirements.]  
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- A. Refer to Section 01210 – Cash Allowances for the Cash Allowance Sum applicable for this section of work.
- B. This allowance includes purchase, [and delivery] [and installation] of signs and letters.[Installation is included in this section and is part of the contract sum]

**1.3 QUALITY ASSURANCE**

\*\*\*\*\*  
 Include quality assurance requirements below that are consistent with the scope of the project and extent of work under this section. Only request qualification statements you intend to review, and which are necessary to establish qualifications of the product, manufacturer, or installer.  
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- A. Sign Manufacturer Qualifications: Firm experienced in producing signs similar to those indicated for this project, with a record of successful in-service performance, and sufficient production capacity to produce sign units required without causing delay in the work.
- B. Supplier: Obtain all products in this section from a single supplier, (single source responsibility).

- C. Regulatory Requirements: Products shall meet requirements of the Americans with Disabilities Act Accessibility Guidelines (ADAAG) guidelines, ANSI 703.4.5 mounting height and location, and any applicable local amendments and regulations.
- D. [Pictograms (Symbols)]: Equivalent written description shall be placed directly below the symbol. Written description shall not be within symbol's background field.  
Installer: Installation shall be performed by installer specialized and experienced in work similar to that required for this project.

1.4 SUBMITTALS

\*\*\*\*\*  
 Include submittal requirements below that are consistent with the scope of the project and extent of work of this section. Request only submittals which are necessary for review of design intent.  
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- A. Submit in accordance with requirements of Division 1.
- B. Product Data: Submit product data for specified products. Include material details for each sign specified.
- C. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including dimensions, anchorage, and accessories.
- D. Samples: Submit supplier's standard color chart for selection purposes and selected colors for verification purposes.
- E. Installation: Submit supplier's installation instructions.
- F. Closeout Submittals:
  - 1. Submit operation and maintenance data for installed products, including precautions against harmful cleaning materials and methods.
  - 2. Submit warranty documents specified herein.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Comply with requirements of Division 1.
  - 1. Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
  - 2. Deliver products in manufacturer's original, unopened, undamaged containers with identification labels intact.
  - 3. Store products protected from weather, temperature, and other harmful conditions as recommended by supplier.
  - 4. Handle products in accordance with manufacturer's instructions.

1.6 WARRANTY

- A. Project Warranty: Comply with requirements of Division 1.
- B. Manufacturer's Warranty: Submit manufacturer's standard warranty document executed by authorized company official.
  - 1. Warranty Period: One year from product shipment date against verified manufacturing defects; voided if the customer does not comply with prescribed handling, installation and cleaning instructions.

**2 PART 2 - PRODUCTS**

**2.1 SIGNAGE SYSTEMS**

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In 2.1 A1 below, modify to reflect name, address, and phone/fax of local agent or distributor of Eye Catch Signs who is supplying the product or system to the project.  
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A. Acceptable Manufacturers:

Eye Catch Signs International,  
2482 Maynard Street,  
Halifax, NS, B3K 3V4  
Canada

Toll free: (888) 840-1997; Tel.: (902) 423-3309; Fax: (902) 423-6144.

B. Substitutions: Submit in accordance with Section 01600.

C. Acceptable Product: BrailliantTouch® Sign System with requirements indicated for materials, thickness, finished colors, designs, shapes, sizes and details.

\*\*\*\*\*  
BrailliantTouch® Signs offer a wide variety of standard and customized sizes, shapes, and design appearance options, all fabricated using a vacuum formed encapsulated process to create the raised Braille and Tactile projected graphics. Revise below to suit project requirements. Please note that Braille must be used to identify all permanent rooms and spaces.  
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**2.2 SIGN MATERIALS**

A. Mounting Panel: Acrylic.

- B. Sign Face: 0.015 inch translucent polycarbonate with a mar resistant matte finish.
  - Encapsulated Grade 2 Braille (as required) as an integral part of the sign face.
  - Raised text and graphics to be encapsulated into a sealed unit.
  - First surface paint, applied copy, graphics or Braille are NOT acceptable. [Sign Face to be chemically bonded to .125 inch substrate].

**2.3 FABRICATION OPTIONS**

A. Tactile Graphics and Text:

1. Fabrication process: Tactile characters shall be raised the required 1/32 inch minimum from the sign face by manufacturer’s vaccum formed encapsulated process. Braille shall be separated ¼” from the corresponding raised characters or symbols.
2. Tactile & Braille Copy: Provide Tactile Characters [and grade 2 Braille], pictograms and symbols.

3. Contrast: All letters, numbers and /or symbols shall contrast with their background, either light characters on a dark background or dark characters on a light background (70% contrast).
  4. Regulatory Requirements: Provide lettering and graphics precisely formed, uniformly matte / opaque finish to comply with relevant ADA regulations and requirements indicated for size, style, spacing, content, position, and colors.
  5. Embedded Graphics: Graphics are to be embedded beneath polycarbonate.
- B. Mounting Panel Options:
1. [.125 inch thick matte finished substrate]
  2. [.080 inch thick matte finished acrylic.]
  3. [.080 inch thick clear acrylic.]
  4. [.125 inch thick clear acrylic.]
- C. Background Appearance Options:
1. [Solid color[s]: Select from manufacturer's standard range.]
  2. [Custom colors as selected.]
  3. [Subsurface custom graphics.]
- D. Tactile Lettering and Graphics Color Options: [Select from manufacturer's vinyl colors.]
- E. Overall panel size: [Specify height and width of sign for your requirements on supplier's recommendation.]
- F. Shape: [Standard] or [Custom - specify].
- G. Letter style[s], color[s], size[s] and layout position: [Specify from manufacturer's standard letter styles and color charts.]
- H. Text schedule: [Verify correct capitalization.]

## 2.4 INSTALLATION METHOD

Select from one or more of the mounting options available.

- A. [Signs mounted with double sided VHB tape.]
- B. [Signs mounted with silicone adhesive.]
- C. [Signs to be mounted with double sided VHB tape and silicone adhesive]
- D. [Signs to be supplied with mounting holes for mechanical fasteners]
- E. [Signs to be mounted with counter sunk mechanical fasteners.]
- F. [Partition mount - compatible with system furniture panels.]

## 2.5 FABRICATION – GENERAL

- A. All signs to comply with requirements indicated for materials, thickness, finishes, colors, designs, shapes, sizes, and details of construction.
- B. Signs are pre-assembled at the shop factory to the greatest extent possible to minimize field assembly. Signs are disassembled only as required for shipping and handling limitations. Units designated and identified for reassembly and installation should be clearly marked in a location on the unit not exposed to view after final assembly.
- C. Fasteners should be concealed if possible; otherwise, locate and finish fasteners to be as inconspicuous as possible.
- D. Form panels to required size and shape. Comply with requirements indicated for design, dimensions, finish, color, and details of construction.
- E. Coordinate dimensions and attachment methods to produce message panels with closely fitting joints. Align edges and surfaces with one another in the relationship indicated.

### **3 PART 3 – EXECUTION**

#### **3.1 EXAMINATION**

- A. Verification of Site Conditions: Verify that installation conditions previously established under other sections are acceptable for product installation in accordance with the manufacturer's instructions.
- B. Scheduling of installation by the owner or by the owner's representative implies that substrate and conditions are prepared and ready for product installation. Beginning installation means that installer accepts existing surface and substrate conditions.

#### **3.2 INSTALLATION**

- A. Install product in accordance with supplier's instructions.
- B. Install product in locations indicated using mounting methods recommended by sign manufacturer and free from distortion, warp, or defect adversely affecting appearance.
- C. Install product level, plumb, and at heights indicated.
- D. Install product at heights to comply with Americans with Disabilities Act Accessibility Guidelines (ADAAG) guidelines, ANSI 703.4.5 mounting height and location, and applicable local amendments and regulations.
- E. Install signs within the following tolerances and in accordance with manufacturer's recommendations:
  - 1. Interior Signs: Within 1/4 inch vertically and horizontally of intended location.
  - 2. Do not install signs if ambient temperature is below 70 degrees F.

#### **3.3 CLEANING, PROTECTION, AND REPAIR**

- A. Repair scratches and other damage that might have occurred during installation. Replace components where repairs were made but are still visible to the unaided eye from a distance of 5 feet.
- B. Remove temporary coverings and protection to adjacent work areas. Prior to the owner's acceptance clean the installed products to comply with the manufacturer's instructions. Remove construction debris from project in accordance with provisions in Division 1.
- C. BrailliantTouch® signs are suitable for high-traffic areas, are vandal-resistant and can be cleaned easily with isopropyl alcohol, or citrus based cleaners without damage to sign surface. Sprayed on graffiti can be removed with citrus-based cleaners.
- D. Raised pictograms and letters have soft-shouldered edges and will not hurt fingertips. Dirt and bacteria, which may accumulate around raised features, can be easily and hygienically wiped off.

#### **3.4 SIGN SCHEDULE**

- A. Schedule: Refer to signage schedule and drawings for sizes, locations, and layout of signage types, sign text copy, and graphics.

### **END OF SECTION**