

# Building Bulletin

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## Safety Glazing Marking

Oct. 22 2025  
BB 2025-08

### Overview

Under the Ontario Building Code (OBC), safety glazing is required in areas such as shower and bath enclosures, guards, partitions, doors, sidelights, and other areas. This glazing must conform to CAN/CGSB 12.1, which requires the glass to be **permanently marked** for identification.

We have observed an increasing number of glazing installations on-site that are not permanently marked. Effectively immediately, safety glazing requires permanent marking(s).

### Why Permanent Marking Is Important

#### 1. Verification of Compliance

Inspectors rely on permanent markings to verify that the installed glazing meets the safety standards outlined in the OBC. Without visible markings, inspectors cannot confirm compliance.

#### 2. Prevents Delays and Costly Rework

Unmarked glazing will result in inspection delays and may require additional documentation from manufacturers, third-party testing, or replacement of the glazing, leading to unnecessary costs, delays and approvals.

### What You Can Do

- **Confirm Markings Before Delivery**

Ensure all safety glazing delivered to site is permanently and legibly marked in accordance with CAN/CGSB 12.1.

- **Inspect Before Installation**

Verify that markings are present and legible before installation begins and before the City inspection.

- **Coordinate with Suppliers**

Communicate with suppliers and manufacturers to confirm that all glazing products meet marking requirements prior to ordering.

- **Educate Installation Teams**

Make sure installation crews understand the importance of checking for markings during handling and placement.

For further details on marking requirements, refer to the **CAN/CGSB-12.1-2017** excerpt on the next page.

## CAN/CGSB-12.1-2017 (excerpt of marking requirements)

### 7 Packaging, packing, labelling and marking

After having successfully met the requirements of this standard, like products of the same nominal thickness produced in the same manner as the specimens which conform, shall be legibly and permanently marked.

#### 7.1 Marking information

##### 7.1.1 Content of the mark

The mark shall contain the following information:

- a) Supplier's name, distinctive mark or designation.
- b) Standard designation: CAN/CGSB-12.1-2017.
- c) Classification of test size (L or U) and drop height class (A or B). Plastic glazing does not require drop height.
- d) Place of fabrication (if fabricator has more than one location fabricating the product).

NOTE Additional details and information, such as thickness and date of manufacture, are permitted.

##### 7.1.2 Example of the mark

Individual layout of the mark may vary based on the manufacturer and the product, and are deemed acceptable upon meeting the requirements in 8.1.

###### Basic

Glazing company A  
CAN/CGSB-12.1-2017 LA INT  
Plant ID (if more than one location)

###### Basic with some optional information

Glazing company B  
Laminated (optional)  
CAN/CGSB-12.1-2017 LA INT  
Plant ID (if more than one location)  
101014 (Date code optional)

#### 7.2 Application of the mark

The appropriate party using the following guidelines shall apply the permanent mark:

- a) Laminated glass stock sheets (i.e., size produced by the manufacturer) shall be marked by the manufacturer of the stock sheet.
- b) All glazing products including cut size laminates, fully tempered glass, and organic coated glazing shall be marked by the company producing the finished cut to size glass product.
- c) The fabricator or manufacturer shall mark plastic glazing materials.
- d) The installer of the safety film shall mark field-applied organic coatings (films).

#### 7.3 Special application marking

Certain types of glazing material shall also be marked with additional information as appropriate.

##### 7.3.1 Safety glazing materials used in indoor applications only

After having successfully passed the appropriate tests (see 10.4.3), like products and materials produced in the same manner as specimens submitted for testing shall be legibly and permanently marked with the words - "Indoor Use Only".

##### 7.3.2 Organic coated glass only

Organic coated glazing materials shall be legibly and permanently marked with the words "Glaze This Side In" to indicate to the installer, inspector, or user which side of the organic coated glass should be exposed to the elements if there is a specific side that should be exposed.