

LAURIER

Architectural

A Novatech Group Company **Novatech**

LAMINATED GLASS

Laminated glass, also known as layered glass, is a safety glass made of two sheets of glass with interlayer films in between.

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LAMINATED GLASS

Architectural applications for laminated glass are diverse. In addition to its safety characteristics, it also offers good resistance to UV rays, and some types of laminate have acoustic properties. In the event of breakage, the interlayer, generally plastic (PVB), will retain the glass fragments in place. For greater safety, particularly for glass installed above an atrium, or guardrails, a rigid interlayer (Sentry glass) is also available. The special feature of this interlayer is that it remains in position in the event of glass breakage and retains glass fragments just like the PVB interlayer.



APPLICATIONS

- Curtain walls;
- Skylights, Glass roofs;
- Sloping glazing;
- Showcases of shops, jewelry, museum, etc.;
- Railings;
- Glass partitions or sliding door.
- Available PVB colors are: clear, Arctic Snow (frosted imitation), white and grey.

PVB films may vary in thickness depending on the application. The range of thickness are between 0.38mm (0.030") and 2.54mm (0.100").

The assembly possibilities are numerous. Use of different glasses or PVB and the combination with other transformation processes will meet the requirements of the most demanding designers:

- Assembly in double or triple sealed unit;
- Combination with low emissivity glass (LOW-E);
- Glasses can be tempered or heat strengthened (minimum pvb thickness of 1.52mm (0.060"));
- Application of Cerafrit or Ceraprint;
- Use of tinted, ultra-clear, acid-etched glass.

Contact our technical team for your current or future projects. We will be happy to assist you in the realization and design of your ideas.

DIMENSIONS & WEIGHT:

Maximum dimension: 1778mm x 3098mm - 70" X 122"

Max weight 113kg - 250 lbs

STANDARDS

Glasses

ASTM C1036-16 Flat Glass Specification Standard;

CAN/CGSB 12.3 M91 (R2017) Canadian Standard - Clear float glass

Tempered glasses

CGSB-12.1-2017 Safety glazing

ASTM C1048 Heat treated flat glass

ASTM C1172 Standard Specification for Laminated Architectural Flat Glass

16CFR 1201 II, Safety Standard for Architectural Glazing Materials

ANSI-Z97.1-2015, American National Standard for Glass safety used in building