

DID YOU KNOW LEPAGE OFFERS A COMPLETE RANGE OF TESTED AND CERTIFIED GLASS COMPOSITIONS FOR SUPERIOR ACOUSTIC PERFORMANCE ?

Lepage provides a variety of high-performance acoustic glazing options. Sound Transmission Class (STC) and Outdoor-Indoor Transmission Class (OITC) ratings measure a window's ability to block sound transmission. The higher the number, the more significant the reduction in indoor noise.



Acoustic performance is achieved through the sound-dampening effect of the plastic interlayer in laminated glass, or the insulating air space within sealed glass units. Combining laminated glass in a sealed unit provides the best noise-reduction results. Even using laminated glass alone can improve ratings by approximately 4 points. For the best results, choose from our **Acoustique**, **Acoustique Plus**, or **Acoustique Performance** lines.

Note: It's important to check current building codes and installation requirements to ensure optimal acoustic performance.

WOOD PRODUCTS

> 1 3/4" SASH

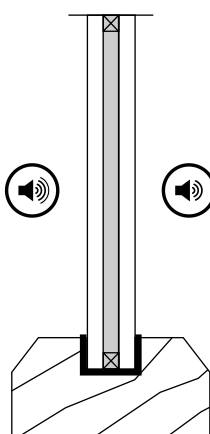
Insulated glass	Composition	Thickness	STC*	OITC*
Standard Double Insulated Glass	2 panes of 3 mm glass	19 mm [3/4"]	29	24
Insulated Glass with Single Laminated Pane	Laminated : 3mm-0.030pvb-3mm + 3mm	19 mm [3/4"]	33	28
Acoustique Double Insulated Glass	4mm + 6 mm	22 mm [7/8"]	36	27

> 2 1/4" SASH

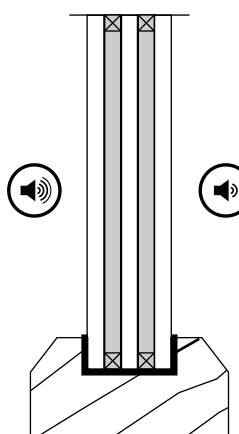
Insulated glass	Composition	Thickness	STC*	OITC*
Standard Double Insulated Glass	2 panes of 3 mm glass	19 mm [3/4"]	29	24
Standard Triple Insulated Glass	3 panes of 3 mm glass	32 mm [1 1/4"]	30	25
Insulated Glass with Double Laminated Panes	3mm-0.030pVB-3mm + 3mm-0.060pVB-3mm	31 mm [1 1/4"]	33	25
Acoustique Double Insulated Glass	4mm + 6 mm	22 mm [7/8"]	36	27
Acoustique Plus Double Insulated Glass	4mm + 6 mm	28 mm [1 1/8"]	37	28
High-Performance Acoustique Insulated Glass with Single Laminated Pane	3mm-0.030pVB-3mm + 4mm**	30 mm [1 3/16"]	38	28

* Values are for sealed units only

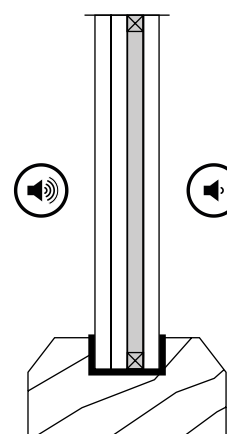
** Laminated position depends on low-e layer location



Standard Double Insulated Glass



Standard Triple Insulated Glass



Insulated Glass with Double Laminated Panes

SOUNDPROOFING INSIGHTS

1. Low-e coatings have no impact on STC or OITC performance.
2. Compression-seal products (such as casement windows or hinged doors) provide better soundproofing than sliding products (like hung windows or patio doors).
3. A standard wall has an STC rating of 34 to 38. Increasing your window's STC rating beyond that is only useful if the wall's soundproofing is also improved.

Do not hesitate to contact one of our distributors for more information on the subject.
Your Lepage Millwork team

