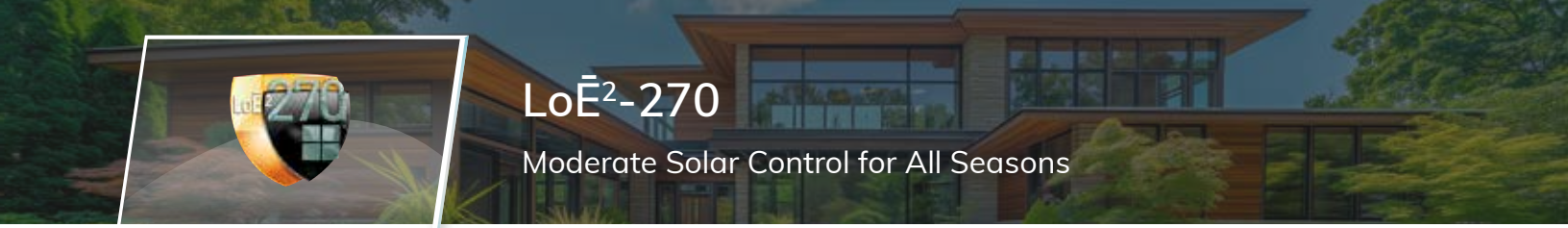


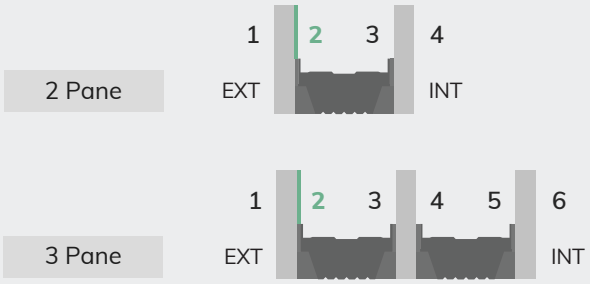
LoĒ²-270

Moderate Solar Control for All Seasons

LoĒ²-270® is a previous-generation glass coating that provides great solar heat gain protection and a low U-Factor, bringing interior comfort for all seasons. It has slightly better SHGC and UV transmission values compared to LoĒ²-272 glass.

70% Vis Trans	0.37 SHGC
0.25 U-Factor	14% UV Transmission

Coating Position:



Data is produced using LBNL Window 7.8. 2-pane IG units have 13mm airspace and filled to 90% argon.

Benefits of LoĒ²-270

- **All-Season Comfort**
- **Low U-Factors**
- **Neutral Appearance**

The LoĒ² coated glass family delivers year-round comfort in any weather. In summer, it rejects the sun's heat and damaging UV rays. In winter, it reflects heat back into the room.

Laminated options	Custom shapes & sizes	Max dimensions: 96" x 144"
Thicknesses: 2.2 to 6mm		

Note: LoĒ²-270 is available as annealed, heat-strengthened or tempered glass.

ENERGY STAR 7.0

ENERGY STAR® is a program run by the U.S. Environmental Protection Agency (EPA) that promotes energy efficiency in consumer products, including windows. ENERGY STAR 7.0 is the latest version of the ENERGY STAR program's requirements for windows.

LoĒ²-270 can be used to meet the criteria for the **Northern** and **North-Central** climate zones. In the Northern climate zone, choose LoĒ²-270 with a triple pane IG unit.

Whole-Window Performance Criteria

	U-Factor	SHGC	
▸ Northern	≤0.22	≥0.17	Prescriptive
	=0.23	≥0.35	Equivalent Energy Performance
	=0.24		
	=0.25	≥0.40	
	=0.26		
▸ North-Central	≤0.25	≤0.40	
▸ South-Central	≤0.28	≤0.23	
▸ Southern	≤0.32	≤0.23	

3/4" Dual Pane with 3mm Glass ● 1" Triple Pane with 3mm Glass ● 90% Argon

Center-of-Glass Performance

		VISIBLE LIGHT		FADING			U-FACTOR	
		Transmission	Exterior	UV	ISO	SHGC	Air Fill IP / SI	Argon Fill IP / SI
Dual Pane	▸ LoĒ²-270 / Clear	70%	12%	14%	52%	0.37	0.30 / 1.68	0.25 / 1.41
	▸ LoĒ²-270 / LoĒ-i89	68%	12%	14%	50%	0.36	0.23 / 1.32	0.20 / 1.14
Triple Pane	▸ LoĒ²-270 / Clear / LoĒ-180	62%	16%	7%	42%	0.33	0.16 / 0.92	0.13 / 0.73
	▸ LoĒ²-270 / LoĒ-180 / LoĒ-i89	60%	16%	6%	41%	0.32	0.14 / 0.79	0.11 / 0.64

LBNL Window 7 per NFRC100 conditions. LoĒ²-270 is intended for the 2nd surface on an insulating glass unit.

FACTORYDIRECT® Windows & Doors Montreal South-Shore Laval

Contact Factory Direct Montreal to learn more about LoĒ²-270 glass.

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