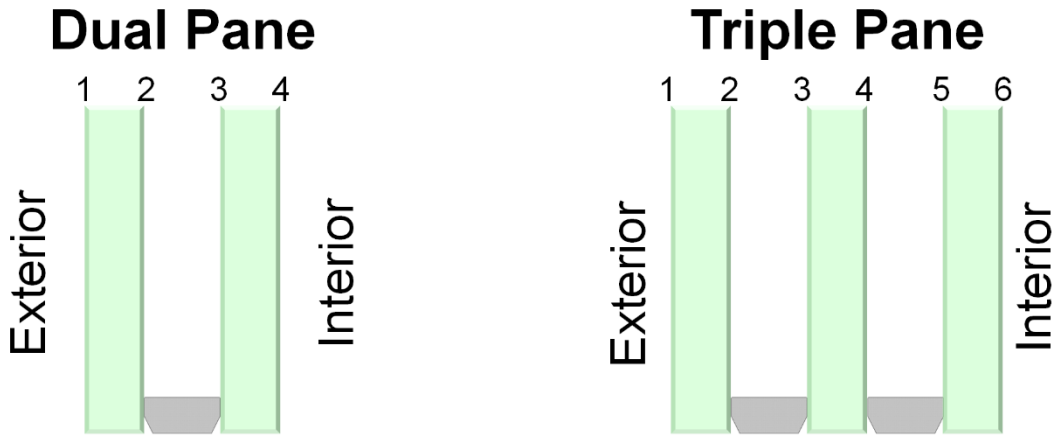
Suggested IGU configurations with LoĒ

Cardinal LoĒ coatings are a critical component in insulating glass units (IGU) used in windows. These coatings are applied to the glass surface to reduce heat transfer and improve energy efficiency in buildings. The placement of these LoĒ coatings can affect the performance, appearance, thermal breakage risk, and could possibly affect the warranty.

Ultimately, the choice of which LoĒ coating(s) is used and its placement should align with the specific energy efficiency goals and climate conditions to optimize the IGU's performance for where it will be installed.

Glass surface numbers for a Dual and Triple Pane configuration:



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Suggested IGU Configurations with Cardinal LoĒ products

(#) after the LoĒ designates the coating surface, see diagram on previous page

Dual Pane IGU

	Outboard	Inboard
1 LoĒ coating Clear Glass	Clear	LoĒ-180 (3)
	Clear	LoĒ-180 ESC (3)
	LoĒ²-272 (2)	Clear
	LoĒ²-270 (2)	Clear
	LoĒ³-366 (2)	Clear
	LoĒ²-240 (2)	Clear
	LoĒ³-340 (2)	Clear
	LoĒ-452+ (2)	Clear
1 LoĒ coating Tinted Glass+	Tint*	LoĒ-180 (3)
	Tint*	LoĒ-180 ESC (3)
	Tint*	LoĒ²-272 (3)
	Tint*	LoĒ²-270 (3)
	Tint*	LoĒ³-366 (3)
2 LoĒ coatings Clear Glass	LoĒ-180 (2)	LoĒ-i89 (4)
	LoĒ-180 ESC (2)	LoĒ-i89 (4)
	LoĒ²-272 (2)	LoĒ-i89 (4)
	LoĒ²-270 (2)	LoĒ-i89 (4)
	LoĒ³-366 (2)	LoĒ-i89 (4)
	LoĒ²-240 (2)	LoĒ-i89 (4)
	LoĒ³-340 (2)	LoĒ-i89 (4)
	LoĒ-452+ (2)	LoĒ-i89 (4)

Triple Pane IGU

	Outboard	Middle	Inboard
2 LoĒ coatings	LoĒ-180 (2)	Clear	LoĒ-180 (5)
	LoĒ-180 ESC (2)	Clear	LoĒ-180 ESC (5)
	LoĒ²-272 (2)	Clear	LoĒ-180 (5)
	LoĒ²-270 (2)	Clear	LoĒ-180 (5)
	LoĒ³-366 (2)	Clear	LoĒ-180 (5)
	LoĒ²-240 (2)	Clear	LoĒ-180 (5)
	LoĒ³-340 (2)	Clear	LoĒ-180 (5)
	LoĒ-452+ (2)	Clear	LoĒ-180 (5)
3 LoĒ coatings	LoĒ-180 (2)	LoĒ-180 (4)*	LoĒ-i89 (6)
	LoĒ-180 ESC (2)	LoĒ-180 ESC (4)*	LoĒ-i89 (6)
	LoĒ²-272 (2)	LoĒ-180 (4)	LoĒ-i89 (6)
	LoĒ²-270 (2)	LoĒ-180 (4)	LoĒ-i89 (6)
	LoĒ³-366 (2)	LoĒ-180 (4)	LoĒ-i89 (6)
	LoĒ²-240 (2)	LoĒ-180 (4)	LoĒ-i89 (6)
	LoĒ³-340 (2)	LoĒ-180 (4)	LoĒ-i89 (6)
	LoĒ-452+ (2)	LoĒ-180 (4)	LoĒ-i89 (6)

*Glass has a high probability of glass breakage, see Cardinal TSB IG07 – Thermal Breakage Prediction for more information

+Low visible transmission products inboard will yield reduced performance with high glass temperatures and thermal risk