Glass By Derrick

CARDINAL Glass Industries

905-638-0117
glassbyderrick.ca
Burlington · Oakville · Milton · Hamilton

Which Low-E glass is right for your home?

Three Cardinal coatings, side by side. More daylight, more winter heat, or more protection from the summer sun.



LoE-180

MAX SOLAR HEAT

79%
VISIBLE LIGHT

71%
UV BLOCKED

0.69
SOLAR HEAT GAIN (SHGC)

U-0.26
U-FACTOR (IP) · CLEAR LOOK

BEST FOR
North-facing windows, cold rooms and passive-solar homes that want free winter heat.



LoE²-272

BALANCED ALL-SEASON

72%
VISIBLE LIGHT

84%
UV BLOCKED

0.41
SOLAR HEAT GAIN (SHGC)

U-0.25
U-FACTOR (IP) · NEUTRAL LOOK

BEST FOR
Most rooms and east-facing windows. A solid all-round choice for Ontario.



LoE³-366 OUR STANDARD

MAX SOLAR CONTROL

65%
VISIBLE LIGHT

95%
UV BLOCKED

0.27
SOLAR HEAT GAIN (SHGC)

U-0.24
U-FACTOR (IP) · NEUTRAL COLOR

BEST FOR
Sun-heavy south and west windows, hot rooms and fade-prone floors and furniture.

All three: double-pane, 3 mm clear glass, 13 mm (~½") airspace, 90% argon, per Cardinal (LBNL Window 7.8, NFRC 100). UV blocked = 100% − Cardinal's published UV transmission. Lower SHGC = less solar heat; lower U-factor = better insulation. Photos are from Cardinal Glass Industries product literature. They show the type of home each coating suits and are not colour-accurate samples, so ask to see real glass.

Frank™

AVAILABLE IN ALL FRANK PRODUCTS

Glass By Derrick

CARDINAL Glass Industries

Quick picker: match the glass to the window

Every room is different. Here's how we'd choose for each one.

North-facing or always-chilly room?

You want all the daylight and free winter sun heat you can get.

LoE-180
79% light · SHGC 0.69 · clearest look

Mixed exposures, one glass for the whole house?

A balance of daylight, insulation and summer heat control.

LoE²-272
72% light · SHGC 0.41 · 84% UV blocked

Sunny south or west windows, hot rooms, fading floors?

Cuts solar heat the most and blocks ~95% of UV.

LoE³-366 OUR STANDARD
SHGC 0.27 · U-0.24 · 95% UV blocked

Built with Cardinal XL Edge® on every unit

Every Glass by Derrick sealed unit uses Cardinal's XL Edge warm-edge spacer, whichever coating you choose.

Not sure? We'll help you choose.

Free recommendation for your home. Call or text anytime.

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Sources: Cardinal Glass Industries technical data sheets: cardinalcorp.com/wp-content/uploads/2024/03/Cardinal_LoE-180.pdf, Cardinal_LoE2-272.pdf, Cardinal_LoE3-366.pdf. Product pages: cardinalcorp.com/products/coated-glass/loe-180/, /loe2-272-270/, /loe-366/. Specs: 2-pane IG, 3 mm glass, 13 mm airspace, 90% argon fill, LBNL Window 7.8 per NFRC 100. Logos are trademarks of their respective owners. Photos © Cardinal Glass Industries (data-sheet and website imagery). Appearance per Cardinal: LoE-180 "just like looking through clear glass"; LoE²-272 "neutral appearance"; LoE³-366 "neutral color". LoÉ, LoÉ², LoÉ³ and XL Edge are trademarks of Cardinal Glass Industries.