



NORDIK

WINDOWS & DOORS

NORDIK.COM

IN A NUTSHELL



Founded in 1982



3 installation regions



500 employees



Headquarters in Ottawa



2 manufacturing plants



100,000 openings / year



Family owned



9 logistics facilities



1M+ products installed



Operations in 2 countries



9 consumer brands



All windows certified

LEADERSHIP



INNOVATION

Since our opening in 1982, we've been early adopters of the best technological innovations in fenestration. Among the first companies to manufacture PVC windows in North America. Pioneered microcellular PVC windows in Canada in 2017.



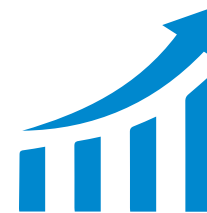
ENERGY EFFICIENCY

All of our windows are built to meet and exceed building code and ENERGY STAR requirements. The vast majority of the windows we manufacture and install are certified ENERGY STAR Most Efficient.



CUSTOMER CARE

Everything we install is backed by a complete, non-prorated, and transferable warranty. Our warranty covers products, installation, and any service required – parts and labour. No fine print, no exemptions, 'No Bull'.



DRIVING CHANGE

We use ongoing optimization of all our processes to make the best innovations in fenestration affordable. Our goal is to offer fenestration products with top performance in a mid-market price range, and to improve service standards in the industry.

SUSTAINABILITY



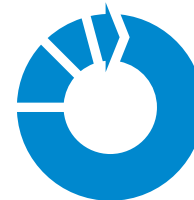
FLEET ELECTRIFICATION

We're in the process of electrifying our vehicles to reducing the carbon footprint of our operations. Our Ottawa 30+ sales fleet has transitioned to electric vehicles, and the Toronto/Hamilton and Boston area divisions are currently in the process. In the medium to long term, we aim to transition heavy vehicles as well.



DATA DRIVEN

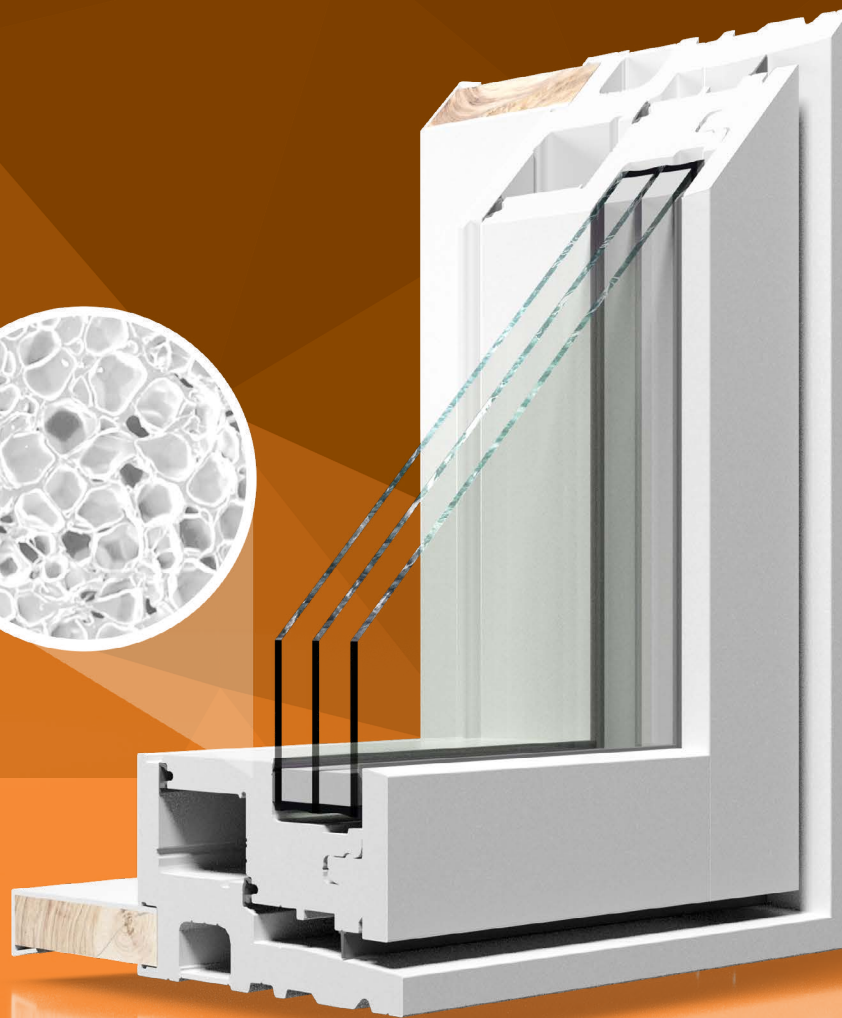
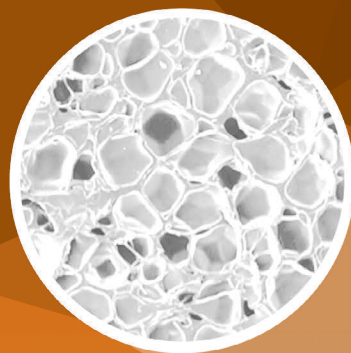
We've not just migrated to paperless systems. All of our processes are digital, from marketing and sales to manufacturing and logistics management. Via ongoing automation and optimization, we maintain lower operating costs, leaner manufacturing, and pass these savings on to our customers.



TO A CIRCULAR ECONOMY

With lean manufacturing and ongoing process optimization, we keep waste to a minimum and reuse anything we can in the production cycle. In the long term, we're aiming to operate triage and recycling facilities for our customers' construction waste, to supplement our material requirements and supply third parties.

Since their launch to mass market in 2017, Canada's first microcellular PVC windows keep setting the bar higher in fenestration. Discover **RevoCell**, the stronger, brighter, and more energy-efficient window technology.



THIS CHANGES EVERYTHING.

INSPIRED BY NATURE

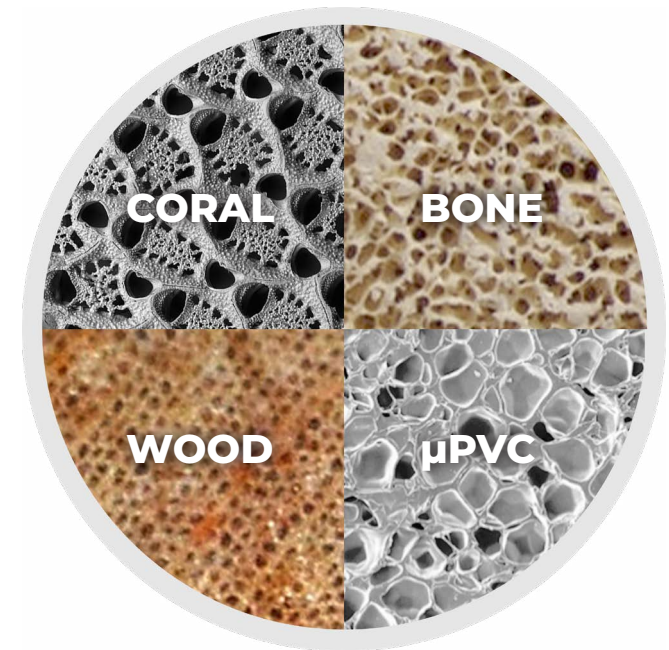
“When modern man builds large load-bearing structures, he uses dense solids: steel, concrete, glass. When Nature does the same, she generally uses cellular materials: wood, bone, coral. There must be good reasons for it.”



Michael F. Ashby
CBE FRS FREng
University of Cambridge

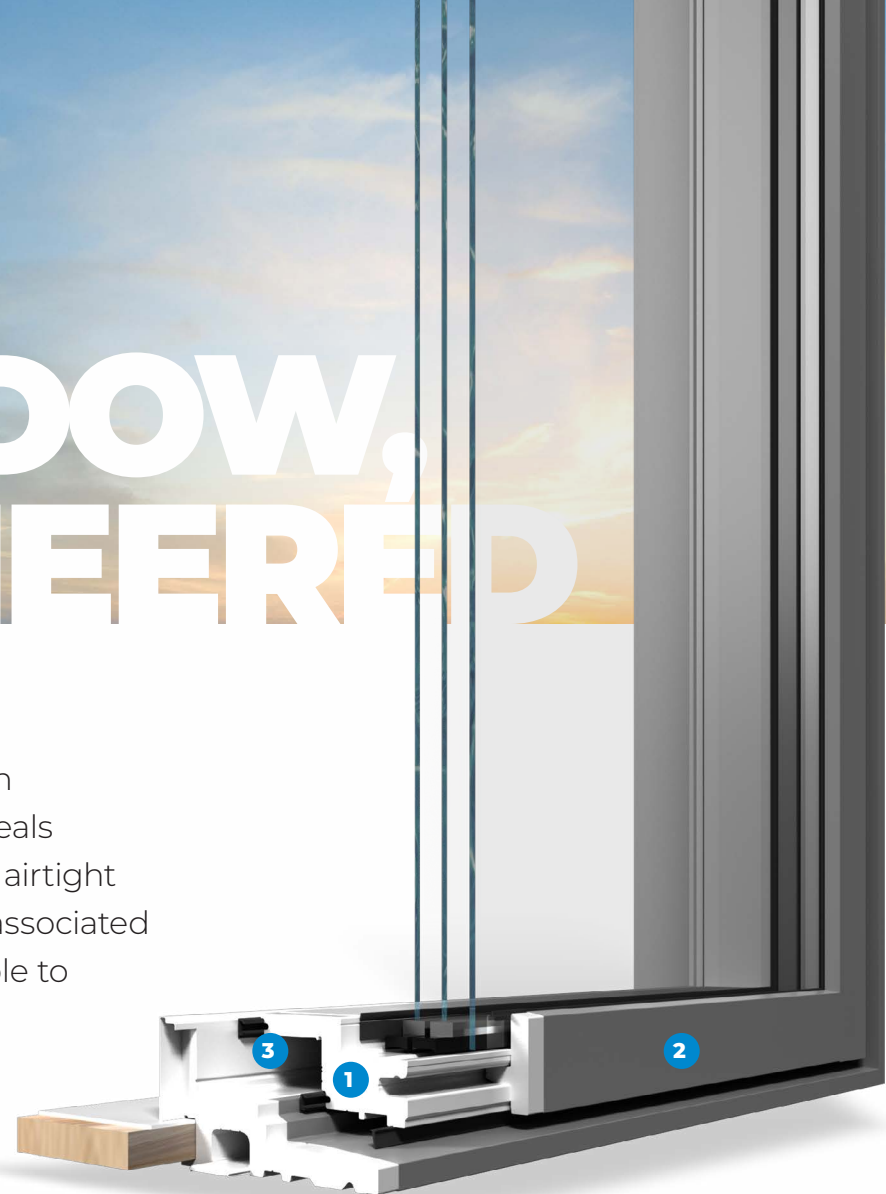
We set out to build a window that exceeds all applicable standards, while keeping it affordable to the average homeowner. We ended up reinventing it altogether. The solution? Microcellular construction — strong, resilient, and highly insulating. But we weren't first: Nature has been doing it for a billion years now. A return to the natural course of evolution, that's a revolution.

And that's what RevoCell stands for: it's revolutionary, and it's cellular.



THE WINDOW, RE-ENGINEERED

Our innovative process allows building windows with structural members, insulation, exterior finish, and seals engineered in one piece, for a strong, seamless, and airtight construction. With fewer manufacturing steps and associated costs, it makes high-performance windows affordable to the average homeowner.



1

The microcellular PVC core is both a bone-strong structural member and cellular insulation in one. Its screw-holding strength for hardware is on par with hardwoods, for a worry-free operation for decades.

2

Exterior surfaces are capped in maintenance-free PVC (lighter tones) or German-made, heat-reflecting (cold colour), and graffiti-proof laminate for the darker tones.

3

All the window seals are co-extruded and corner welded with the frame for a truly airtight fit. Weatherstripping is continuous around the perimeter – from compression bulbs to sweeps and glass seals.

CANADA'S MOST EFFICIENT

RevoCell windows offer the optimum balance of low U-factor, high solar heat gain, and air tightness, resulting in stellar NRCan Energy Ratings (ER). They qualify for the Energy Star Most Efficient designation even with dual-pane glass. RevoCell windows can also be manufactured with the lowest certified U-factor in Canada.

At **ER 48** in stock configuration with triple-pane glass, RevoCell windows have higher Energy Ratings than any competitors' operating windows.

With a **0.02 L/m²·s** infiltration and exfiltration rate, our casement windows are more airtight than the requirements for fixed windows. Also an order of magnitude better than the average competitor.

The Solar Heat Gain Coefficient of RevoCell windows is as much as **two times higher** than that of some competitor windows with comparable U-factors. They offer incredible passive heating potential for Northern climates.



All of our windows are **tested by accredited labs and listed** in the NRCan / ENERGY STAR and the National Fenestration Ratings Council (NFRC) certified product databases.

energystar.gc.ca

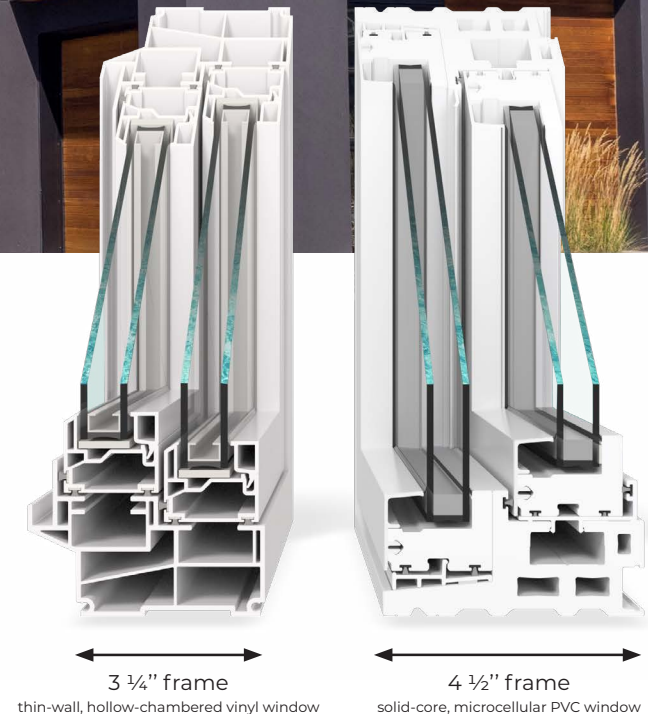
nfrcc.org

STRONGER

At 4.5" (114.3mm), RevoCell window frames are 38% deeper than the industry standard of 3.25" (82.6mm). This provides extra insulation, dimensional stability, and a better-sealed interface with the rough opening. The solid microcellular PVC core absorbs stresses better, and is more wear-resistant than structural members made out of hollow PVC.

The NFRC Performance Grade (PG) is a combined measure of resistance to air leakage, water penetration, forced entry, as well as uniform load, operating force, auxiliary (durability) and material tests. RevoCell windows are levels above the best competitors on the market. RevoCell casements at **PG 85** are levels above the top competitors' at PG 70.

Unlike other composite materials like fiberglass, the microcellular PVC frames and sashes absorb and transfer loads - not just along the extrusion but also where they are actually applied - across. This adds **extra resistance to frequent operation** as well as wind loads, increasing the NFRC Performance Grade (PG) rating.



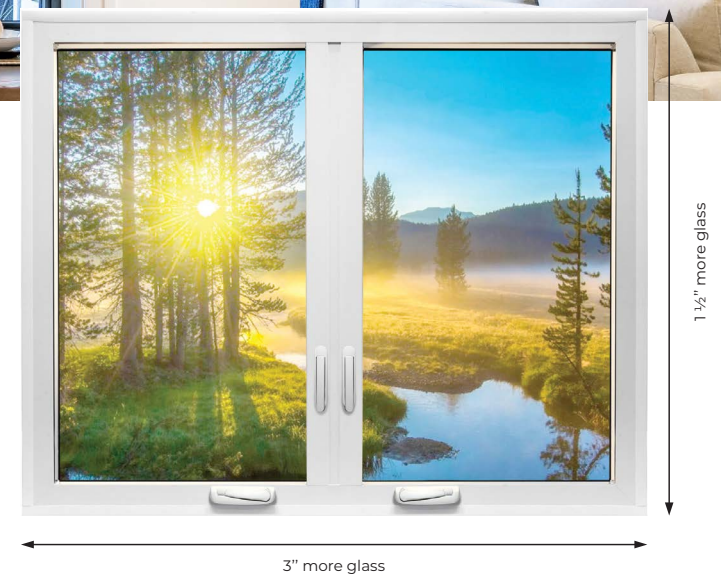
Microcellular PVC has a much better screw holding power than hollow PVC window frames — on par with that of hardwoods. It means more **resistance to wear and tear** at the interface with metal hardware. Read a longer useful product lifespan. Backed by our complete 25-year warranty.

BRIGHTER

The stronger microcellular PVC construction allows for leaner structural members, with as much as 1.5" (38mm) larger glass surface. Internal mullions further reduce the window frame sightline by about 2" (50mm). We also use low-iron, superclear glass with advanced coatings that make UGUs as much as 40% brighter than competitors' with comparable U-values.

Apart from ventilation, windows bring natural light inside, fulfilling a critical requirement for our physical and mental well-being. It is the very reason we put windows in the wall. High Visible Transmittance and Solar Heat Gain Coefficient is what makes RevoCell windows stand apart from the competition with as much as **40% brighter** windows.

Heavy low-e coatings on triple-pane insulating glass units designed to meet today's U-value requirements result in dark windows, with a visible transmittance as low as 30%. RevoCell windows' larger glazing and clearer glass bring more light in with **higher Visible Transmittance (VT) ratings**, while meeting insulation requirements.



Per Statistics Canada, households in our Northern climate use an order of magnitude more energy for space heating than for cooling. A **high Solar Heat Gain Coefficient (SHGC)** is vital for passive heating during the cold season. In the highly-insulating (low U-factor) window category, our windows lead national charts with top SHGC ratings.

TOP-RATED

In standard configuration, RevoCell windows are top-rated in their respective categories. This configuration is balanced for the best performance and value.

Window Style (operation)	U-Value (W/m ² ·K Btu/h·ft ² ·F)	Solar Heat Gain Coefficient	Visible Transmittance	Air Leakage (L/m ² ·s cfm/ft ²)	Energy Rating (ER)	Performance Grade (PG)	Performance Class (PG)
Casement	0.85 0.15	0.46	0.51	0.02 0.004	48	85	LC
Awning	0.85 0.15	0.46	0.51	0.11 0.022	48	85	LC
Fixed	0.85 0.15	0.52	0.58	0.02 0.004	51	85	LC
Slider	0.97 0.17	0.51	0.55	0.30 0.059	48	45	R
Hung	0.97 0.17	0.52	0.55	0.29 0.057	48	40	R

Ratings for standard RevoCell window configurations with triple-pane insulated glass featuring two low-e coated and one superclear panes, 97% Argon gas fill, and warm-edge spacer.

For bay, bow, and other composite windows, the overall assembly performance shall be rated to the lowest-rated component window from the above list.