



Fully Customized uPVC and Fiberglass Composite
Tilt and Turn Windows

Made in Canada
<https://www.wintegra.ca>
604-776-0898

For Those Who Want The Best

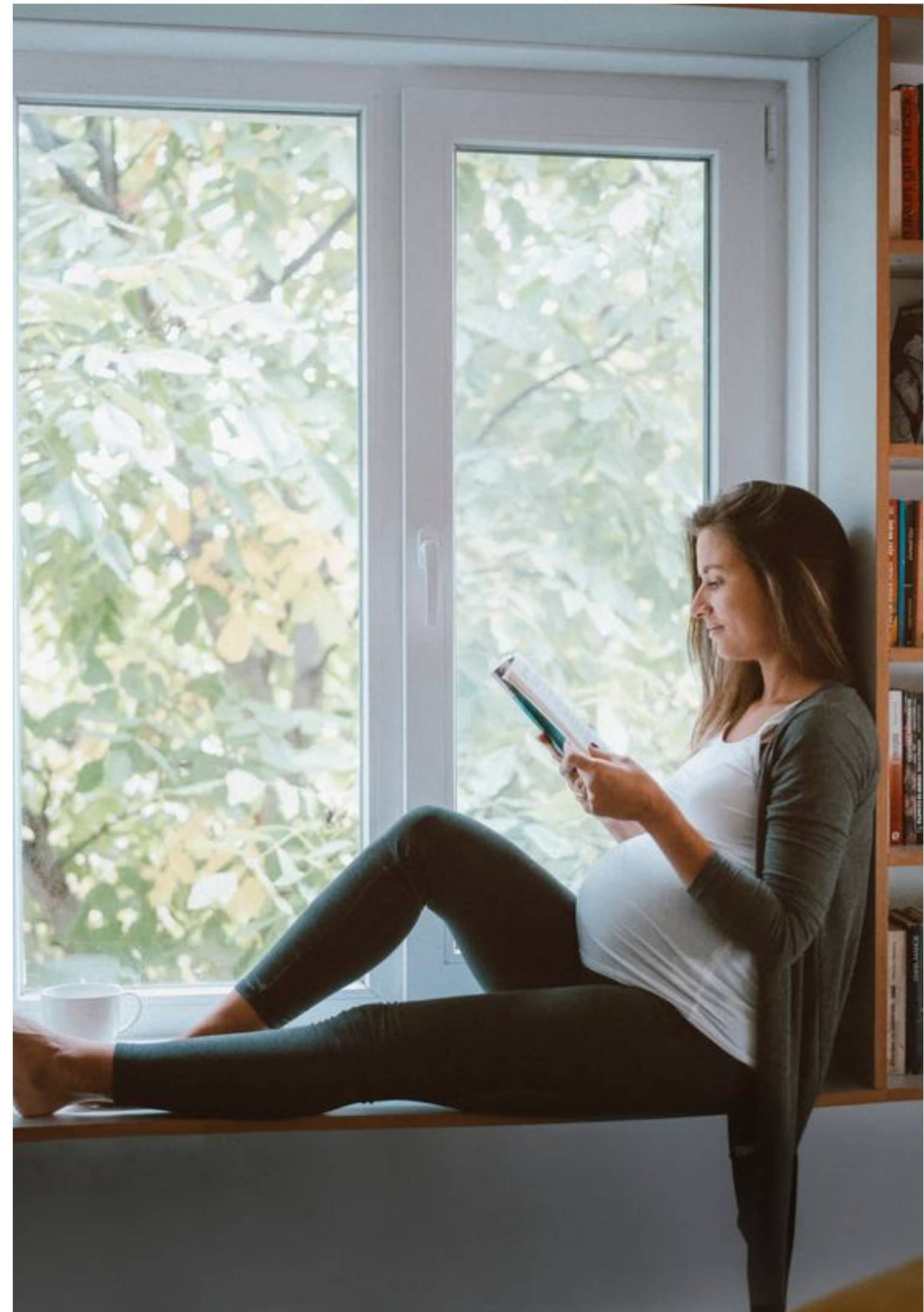


Comfort and Quiet: When closed, this compression-seal window design seals tightly to provide outstanding thermal and acoustical performance.

The tilt and turn hardware enables the sash to tilt inward from the top, while the multi-point locking system provides enhanced burglary resistance in line with RC 2 standards. Sleep easy with secure ventilation.



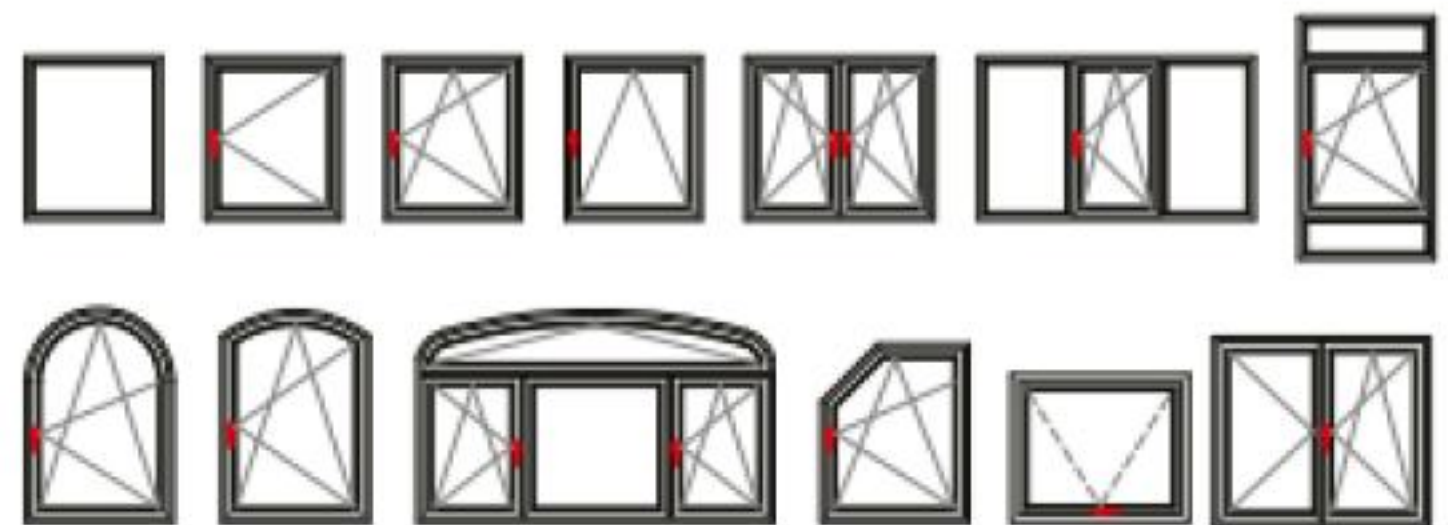
The Tilt and Turn window opens inward, making it easy to clean both the interior and exterior glass surfaces. It also offers a wide opening for emergency egress.





Design Flexibility

Tilt and Turn windows can be built as single or double tilt and turn window (with or without mullion in the middle). They can easily be combined with top and side lites providing the utmost design flexibility. Tilt only options are also available.



Save energy with thermal performance

By reducing energy use, we not only save money in bills in the long run, but also limiting our CO2 production. Choose sustainable building design and improved occupant's comfort.

	4500 System	GENEO System	GENEO Passive House System
U-value	0.17	0.17	0.13

Wood Grains

Combining the authentic look and unique character of wood with the advantages of uPVC and fiberglass composite windows, this foil is virtually identical to natural wood. Its deep embossing and matte finish create a texture that convincingly mimics real wood.



Aluminum Look

Aluminum-like foils offer an attractive surface with a distinctive, fine-grained matte finish that resembles powder-coated aluminum. This design is perfect for contemporary, minimalist spaces.

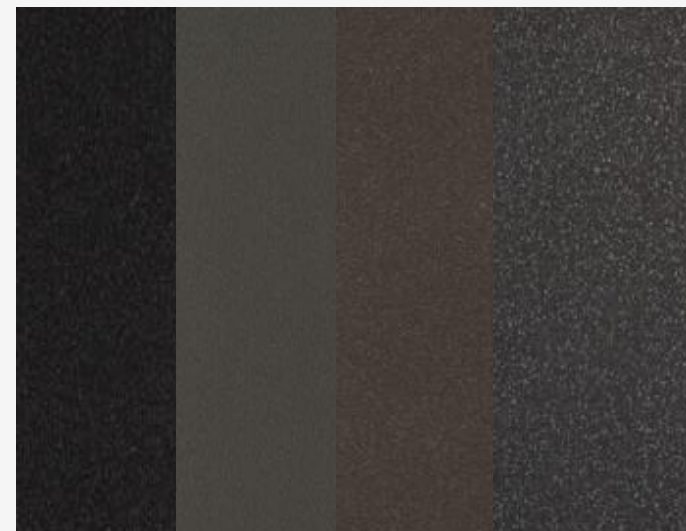
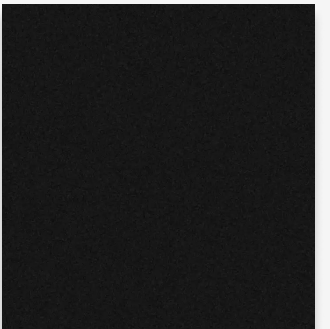
High Tech Foil Technology

Experience the difference with Wintegra Windows, where our craftsmanship shines. All our profiles come in base white and can be laminated on outside and inside. The foiling process permanently bonds profile with colour, achieving a perfect look of powder-coated aluminum, brushed steel, stained/ painted wood, or any other colour.

Matt Jet Black Classic

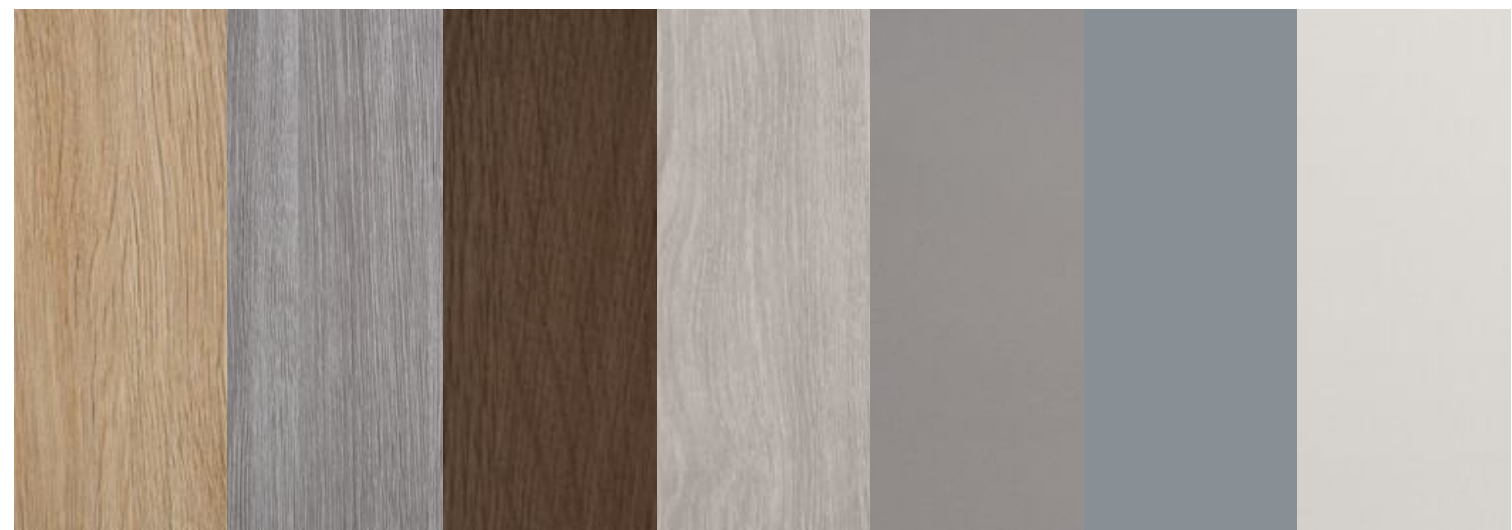
A favorite among designers and builders, the jet black matte color adds an elegant touch to any construction, with its texture and finish offering a luxurious feel and appearance.

The deepest black available—classic, timeless, and sophisticated.



New Technology. New Possibilities.

- 125+ colours and textures
- Minimal maintenance- finish never chipping, cracking or fading away
- Cool technology helps reduce surface heat gain in direct sunlight
- The nano-coating protects against weathering, UV radiation and dirt
- Available for all Wintegra windows and doors
- No added production time





Your New Lifestyle Is Waiting

3 Systems Available



GENEO Classic

GENEO is the first fully reinforced polymer window and door profile system that doesn't rely on steel for its strength. Instead, it's composed of RAU-FIPRO, a proprietary fiber composite material similar to those employed in aeronautic construction and racing vehicles for outstanding strength and load capacities.

GENEO Passive House

The Ultimate Choice for High Performance Custom Windows. Added foam and other elements bring GENE Classic system to the next level. A system specifically engineered to meet the most rigorous Passive House standards.

Suitable for commercial and residential applications.



4500 Series

A unique product for large openings in both residential and commercial markets featuring uPVC profile. Large chambers are present for accommodation of reinforcements required for large openings and heavy commercial applications.



Building for comfort



Passive House Certified

Performance Summary

NAFS (PG): up to AW-PG100

Impact: up to DP65

ASTM E90 Acoustical (STC): up to STC 43; OITC 34

ASTM E84 Class A: Flame Spread 0; smoke-developed 80

SHGT (Solar Heat Gain Coefficient): Windows 0.14-0.50 | Doors 0.13-0.46

U-value: down to 0.13

Quiet Space and Piece of Mind

Noise can be both disruptive and detrimental to health over time. Enhance occupants' sense of well-being with unparalleled noise protection.



85 dB

Loud street noise

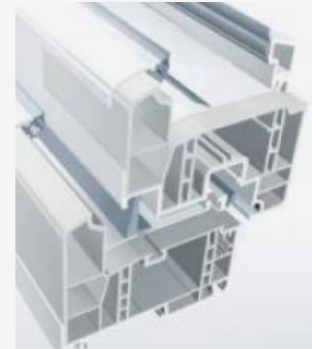
Geneo PH

Up to 45 dB

40 dB

Quiet Interior

GENEO PH and Classic: Uniquely Efficient



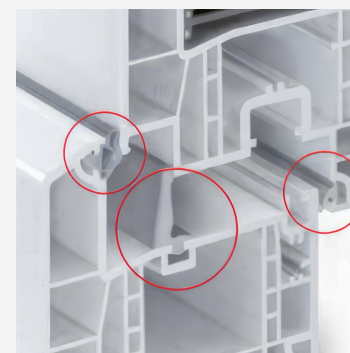
RAU-FIPRO profile core

Glass-fiber reinforced uPVC. Achieves excellent stability and torsional rigidity making it possible to build larger windows without the typical steel reinforcement that compromises thermal insulation.



Six-chambered frame

Provides unmatched thermal insulation, surpassing all Step Code requirements and making the achievement of Passive House standards possible



Compression-seal technology

Reduces closing pressure significantly, making window operation smooth and extending the service life. The three seals are strategically located to provide maximum insulation, while the highly elastic stress-resistant material guarantees a long service life.



Warm Superspacer

Our warm Super Spacer guarantees maximum edge warmth retention. Virtually eliminates window condensation. Provides superior structural integrity and durability. All while providing a 3/16" sightline - a preferred choice among designers and architects for its beautiful aesthetics.



RAU-FIPRO is an exceptional breakthrough that combines elegance and performance into one remarkable material.

RAU-FIPRO Fiberglass Composite

Individually, fiberglass and uPVC have distinct advantages- but together, they transform into a superior material without any downsides of either. RAU-FIPRO is a groundbreaking one-of-a-kind formulation that brings you the best of both worlds.



33% Bigger

Without the need for reinforcements

vs uPVC windows



Designed For Zero Leakage

Welded corners for ultimate durability

vs fiberglass windows with mechanical corners



2X Stronger

Infusion of high-tech composite at its core

vs uPVC windows



>10% Better Thermal Performance

Without efficiency-compromising reinforcements

vs uPVC with metal reinforcements



4500 System- Practical Solution



uPVC profile core

Resists fading or corrosion and acts as a natural insulator. It resists heat loss in winter and heat gain in summer.



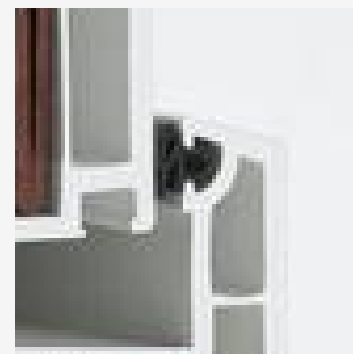
Steel-reinforced frame

Sophisticated multi-chambered design accommodates a range of reinforcing shapes required for large openings in heavy commercial applications. This, in turn, provides greater daylight openings and brighter interior design.



Structural mullion sizes range

Allows unique design and various configurations for storefront and aesthetic applications.



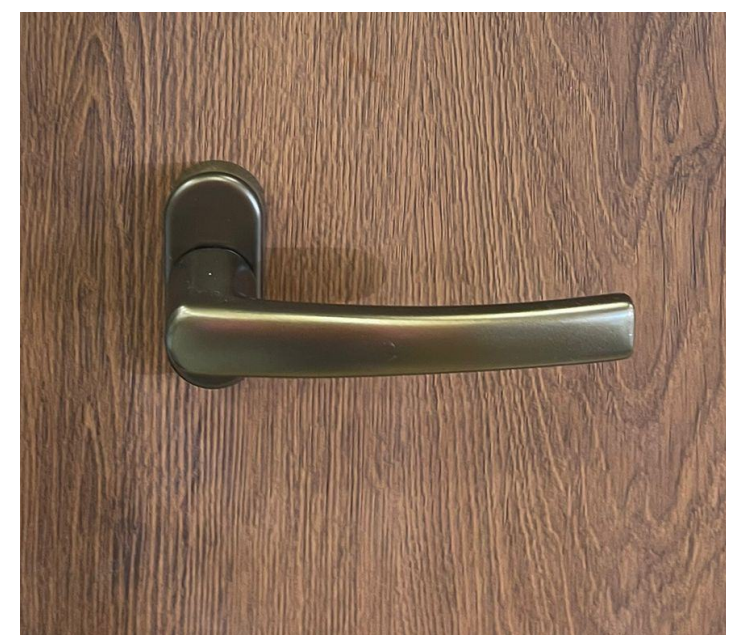
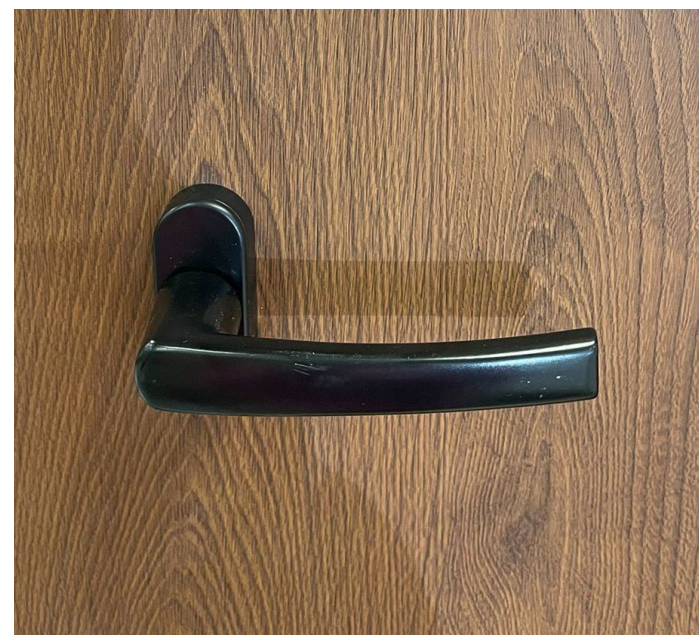
Compression-seal technology

When the wind is blowing strong and rain is pouring down, compression seals are optimizing the air and water performance of Wintegra windows and doors.



Wintegra Handles

Complete your fenestration design with our carefully selected tilt and turn window handle selection.





When You Don't Have To Sacrifice Design



With Our Heartfelt Appreciation



Head Office

Phone: 604-776-0898

Website

<https://www.wintegra.ca>