

5100 ARCTIC DOUBLE HUNG

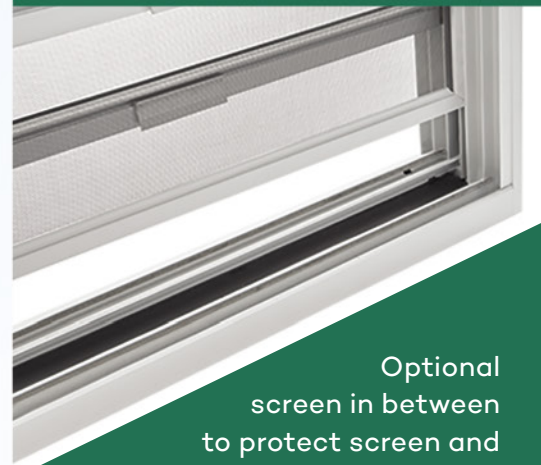
OldCastle BuildingEnvelope® is the undisputed leader in high-performance vertical hung windows for commercial, institutional and multi-residential applications. The 5100 Arctic combination provides luxury, security, economy and high thermal performance that deserves a place on your project.

FEATURES

- 4 operable sash to allow for indirect ventilation
- Glass 0.125" to 0.250" thick unless otherwise specified
- Mulls with series 1200 fixed profiles and accessories
- High performance "rain-screen" system
- Enhanced PVC thermal-break allows for economical split-finish
- Available in an array of architectural coatings and anodized finishes
- Available for ribbon window or punched opening applications
- Return caulking legs allow for perimeter seals
- Low friction operable sash
- Optional surface applied muntins



Side stacking split vertical mullions manage thermal expansion and allow efficient installation



Optional screen in between to protect screen and enhance appearance

BENEFITS

- Superior appearance with screen in between application
- High thermal performance
- Strength and durability
- Ease of installation
- Durable window that lasts – 5-year standard warranty



PERFORMANCE DATA 5100 ARCTIC DOUBLE HUNG

Standards

Meets;

- NAFS 17* & CSA A440S1-17 Canadian Supplement
- CSA-A440.2-19 (Condensation Resistance)

*NAFS Classification H-LC-PG70

Performance Data

- Air Infiltration / Exfiltration: $<0.5 \text{ L/s.m}^2$ (0.10 cfm/ft²) @ 75 Pa (1.57 cfm/ft²) per ASTM E283; Canadian A3 Level
- Static Water Cycling Test: 720 Pa (15 psf) per ASTM E547
- Static Water Test: 720 Pa (15 psf) per ASTM E331
- Uniform Load Deflection Test: 3360 Pa (70 psf) per ASTM E330
- Uniform Load Structural Test: 5040 Pa (105 psf) per ASTM E330
- Forced Entry Resistance Test: Grade 20 per ASTM F588
- Condensation Resistance for 6.4 mm (0.25") Glass: Temperature Index: I = 59

We offer the most comprehensive portfolio of products specified to close the building envelope.



Thermal Products

Entrances and Storefronts

Architectural Glass

Skylights

Blast- and Hurricane-Resistant