



## 2000 ARCTIC OPERABLE

OldCastle BuildingEnvelope® offers a comprehensive portfolio of operable windows. The 2000 Arctic features best in class components such as a rainscreen design, high thermal values and is visually rugged in appearance. The hardware on the 2000 Arctic is ergonomic in design, user friendly and durable for a lifetime of operation.

## FEATURES

- 3" frame depth
- High performance "rain-screen" system
- Lapped sash to frame
- Heavy commercial grade operable vent ideal for commercial, institutional and multi-unit residential applications
- Available in an array of architectural coatings and anodized finishes
- Interior aluminum stops with top top-load EPDM gasket
- Extruded aluminum insect screen frame with fiberglass or aluminum mesh
- Can be inserted into window framing, captured curtainwall, or used in standalone applications
- Optional surface applied muntins
- Available in casement, awning, or hopper operable configurations
- Enhanced PVC thermal-break allows for split-finish



A variety of hardware finishes available



Glazing is centered over an extra wide thermal-break for enhanced thermal characteristics

## BENEFITS

- High thermal performance
- Strength and durability
- Ease of installation
- Increased resistance for air and water exceeds industry standard
- Durable window that lasts – 5-year standard warranty



## PERFORMANCE DATA 2000 ARCTIC AWNING

### Standards

Meets;

- NAFS 11\* & CSA A440S1-09 Canadian Supplement
- CSA-A440.2-14 (Condensation Resistance)

\*NAFS Classification AP-CW-PG45

### Performance Data

- Air Infiltration / Exfiltration:  $<0.5 \text{ L/s.m}^2$  (0.10 cfm/ft<sup>2</sup>) @ 75 Pa (1.57 cfm/ft<sup>2</sup>) per ASTM E283; Canadian A3 Level
- Static Water Cycling Test: 720 Pa (15 psf) per ASTM E547
- Uniform Load Deflection Test: 2160 Pa (45 psf) per ASTM E330
- Uniform Load Structural Test: 3240 Pa (67.7 psf) per ASTM E330
- Forced Entry Resistance Test: Grade 20 per ASTM F588
- Condensation Resistance for 25.4 mm (1") Glass: Temperature Index: I = 73

## PERFORMANCE DATA 2000 ARCTIC CASEMENT

### Standards

Meets;

- NAFS 11\* & CSA A440S1-09 Canadian Supplement
- CSA-A440.2-19 (Condensation Resistance)

\*NAFS Classification FW-AW-PG90

### Performance Data

- Air Infiltration / Exfiltration:  $<0.5 \text{ L/s.m}^2$  (0.10 cfm/ft<sup>2</sup>) @ 300 Pa (6.24 cfm/ft<sup>2</sup>) per ASTM E283; Canadian A3 Level
- Static Water Penetration Test: 720 Pa (15 psf) per ASTM E331
- Static Water Cycling Test: 720 Pa (15 psf) per ASTM E547
- Uniform Load Deflection Test: 2160 Pa (45 psf) per ASTM E330
- Uniform Load Structural Test: 3240 Pa (67.7 psf) per ASTM E330
- Forced Entry Resistance Test: Grade 20 per ASTM F588
- Condensation Resistance for 25.4 mm (1") Insulating Glass: Temperature Index: I = 61

# 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