



“EGRESS” HYBRID EMERGENCY EXIT WINDOW BY FENERGIC

Composition: PVC frame covered with extruded aluminum. Minimum number of sashes: 2
Extruded aluminum profile, mechanically assembled on the outside of the PVC frame.

Type of opening: Casement.

Dimensions: According to the height: The minimum dimension (LxH) of the window is 51" x 20".
Depending on the width: The minimum dimension is 31" x 40".

Materials:

In compliance to CSA-A440/A440.1 standard and to the following requirements:

- Hybrid frame with exterior aluminum and interior PVC with a depth of 6" (152mm).
- Astragale installed on Egress sash with rotary lock mechanism at the sill and head.
- Triple weather stripping with continuous primary seal welded at all four corners.
- Sealed unit with LoE 8070 energy efficient glass on face 3 with 12mm argon gas space.
- Stainless steel spacer in white or black.

Glass thickness according to the surface of the sealed unit.

- Light Transmission % = 81
- Light reflection: Exterior = 13% and Interior = 13
- Solar heat gain coefficient = 0.699
- Winter U-value = 0.271 (R = 3.69)

Screen: Fiberglass mesh on extruded aluminum frame. Installed inside.

Hardware :

- Multipoint lock with ramp providing locking by a single crank handle.
- Hinged operator allowing 90° opening for interior window cleaning.
- Alloy frame locks with Teflon and aluminum handle for security and smooth operation.
- 2 pivoting locks to unlock the second sash quickly.

Colors:

Duracron thermoset acrylic finish by PPG:

Black, white, antique beige, commercial brown, charcoal and sandblast.

Other finish: Clear anodized.

Option: Extruded aluminum sill, color matched to the window.

Classification:

Do not meet the ENERGY STAR requirement.

Although the materials meet the requirements, the Egress window opening system doesn't have a category, therefore cannot meet the program's standards.

Complies with CSA-A440/A440.1 and the following requirements:

- Airtightness: A3
- Watertightness: B3
- Wind load resistance: C2
- Resistance to break-in: F10
- Screening: S1

Water Penetration Test Pressure = 730 Pa (15.0 psf) Canadian Air Ingress / Exgress Level = Fixed Level

Manufacturing :

Complies with NFSA08 and the following requirements:

- Windows are manufactured with precision and square. Tolerance of maximum offset to 2mm.
- Galvanized steel plate and anchor point.

Installation of the windows: (Recommendations)

- The frame must be centered, leveled (horizontal and vertical), square (vertical 90 degree).
- The dimensions indicated below are superior to the CSA-A440 standard in case of expansion.

WIDTH: Min 12,5mm (1/2") Max 19mm (3/4")

THRESHOLD: Min 12,5mm (1/2") Max 25mm (1")

HEAD: Min 12,5mm (1/2") Max 22mm (7/8")

1. Unfold the installation brackets by rotating them a quarter turn before inserting the window into the opening.
2. Use wood shims (cedar shingles) to level the window.
3. Install the shims 200mm (8") from the corners, on each side of the frame.
4. Install additional shims every 500mm (20") at the sill.
5. Screw the installation brackets with wood screws long enough to anchor the window to the structure.
6. Check the opening for proper operation and adjust the hardware if necessary.

Fill the space between the frame and the shell with insulation without over-compacting it. Be sure not to bend the stiles, head and sill of the window.

Add compressible batting to the inside edge of the window. Caulk the space between the exterior finish and the window with an elastomeric (silicone) sealant.