



FUSION SLIDING DOOR FROM FENERGIC

Composition : Hybrid 6" (152mm) frame, PVC interior and extruded aluminium on the exterior.

Dimensions : Sliding doors are made-to-measure. The chart reference is for minimum and maximum sizes.

Minimum width: 2 panes	48" (1219mm)
Minimum width: 3 panes	70 ¾" (1797mm)
Minimum height: All panes	48" (1219mm)
Maximum width: 2 panes	94 ¾" (2406mm)
Maximum width: 3 panes (XOX)	139 ¾" (3550mm)
Maximum height:	100" (2540mm)

Types of openings :

Nominal	Type	Frame sizes
5'	OX ou XO	58 ¾" x 81 1/8" (1492mm x 2061mm)
6'	OX ou XO	70 ¾" x 81 1/8" (1797mm x 2061mm)
8'	OX ou XO	94 ¾" x 81 1/8" (2406mm x 2061mm)
7 ½'	XOX	85 ¾" x 81 1/8" (2178mm x 2061mm)
9'	XOX	103 ¾" X 81 1/8" (2635mm x 2061mm)
12'	XOX	139 ¾" X 81 1/8" (3550mm x 2061mm)
10'	OXXO	116-9/16" X 81 1/8" (2961mm x 2061mm)
12'	OXXO	140 9/16" X 81 1/8" (3571mm x 2061mm)

Materials :

In compliance with NAFS08, AAMA and the following requirements:

- Aluminum of 6063-t5 alloy and temper.
- PVC inner frame is welded and extruded aluminum outer frame is crimped together.
- Depth of 6" (152mm).
- Sliding glass sash, sliding on an adjustable ball bearing. The fixed glass sash is integrated to the frame for increased rigidity.
- Double weatherstripping.
- Sealed unit, 23mm thick, Energy Star qualified, made of energy efficient glass with argon gas.

Materials :

- Tempered glass on both sides. Glass thickness according to the surface of the sealed unit.
- Metal reinforcement where the handle meets.
- An interior groove is integrated into the frame, of 19mm, allowing to receive frame and threshold extensions.
- The interior glazing beads are removable for easy replacement of the sealed units.
- The sill and sliders are made of anodized aluminum.

Screen: Fiberglass mesh on extruded aluminum frame. Located outside the glass panels, on adjustable nylon rollers.

Hardware:

- Single mortise lock with interior and exterior "D" shaped handle.
- Adjustable ball bearing.

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 patio door.

J 1/2" for gypsum finish.

Classification: (Test report)

Class R-CP50-SD Size 2780x 2060

Positive design pressure (PC) = 2400 Pa (50.0 psi)

Negative Design Pressure (DP) = -2400 Pa (-50.0 psi)

Water penetration test pressure = 440 Pa (9.0 psf)

Canadian air infiltration / exfiltration level = Level A3

Classification: (Test report) OXXO

Class LC-PG30-SD Size 3571x2060

Positive Design Pressure (DP) = 1400 Pa (50.0 psi)

Negative Design Pressure (DP) = -1400 Pa (-50.0 psi)

Water penetration test pressure = 220 Pa (4.59 psi)

Canadian air infiltration / exfiltration level = Level A2

Fabrication:

In compliance to NAFS08 and the following requirements.

- Patio doors are manufactured accurately and squarely, with a maximum tolerance of 2mm plus or minus.
- Anchor and connection plates are made of galvanized steel.

Patio Door Installation: (Installation recommendations)

1. Install patio doors in accordance with CSA-A440.4- 07.
2. Make sure they are square, square and level (sill and interior).
3. Install the sill the same width as the patio door to give them a uniform slope towards the outside;
Place them in alignment and level.
4. Insulate the perimeter of the patio door with insulating wool or urethane, without distorting the frame.
5. Caulk the joints between the patio doors and the sills with a highly flexible sealant.