



## STEEL DOOR ASSEMBLED FOR FENERGIC

Composition: wood frame with steel panel on ball hinge.

Type of opening: Inswing opening.

### Materials:

In compliance to O.N.G.C 82-GP-5M and the following requirements:

- Hot-dipped galvanized steel door panel with R13.1 urethane insulation. Vinyl overlay on handle side.
- Mechanically assembled 1 3/8" jointed wood frame, 7-1/4" up to 9-1/4" deep.
- Covered with PVC extrusion on the inside,
- Covered with 24 gauge folded aluminum sheet on the outside.
- Sealed unit, 25mm thick, Energy Star approved, made of "Softcoat" type glass Loe 8071 with argon gas between the two glasses.
- Tempered glass on both sides

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

### Hardware :

- Magnetic weatherstripping on handle side and head and compression on hinge side.
- Second intermediate compression weather stripping on three sides.
- 9 1/4" anodized aluminum sill cover with thermal break. Triple weatherstripping, installed on the door.
- Stainless steel hinge with zinc ball mechanism, installed with 3/4" screws, one of which must be changed per hinge for installation in the shell.

### Colors :

Color chart available on *Novatech* and *Verre Sélect* websites.

Option: Astragale with 15mm latch.

### Classification:

Meets CSA A440 standard; air: A3 water: B4 wind resistance: C3

Water penetration test pressure = 730 Pa (15.0 psf) Canadian air infiltration / exfiltration level = Fixed level

Manufacturing :

In compliance to NFSA08 standard and to the following requirements:

- Doors are manufactured with precision and square. Tolerance of maximum offset to 6mm.
- Steel reinforced assembly on the inside when required.

Door installation: (Installation recommendation)

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