

**SPECIFICATIONS**  
**GLACE-GUARD IMPACT TRAFFIC**  
Section 08 38 00: Traffic Doors

**PART 1 - GENERAL**

**1.1. Related works by others :**

- Metal fabrication, section 05500
- Electrical power supply, division 16
- Structural work, division 5

**1.2. Shop drawings:** Supply shop drawing in accordance with plans and specifications for approval. Contractor will be responsible for site measurements before fabrication and co-ordination with other sub-trades.

**1.3. Maintenance instructions:** Supply maintenance instructions for hardware and/or others components in accordance section 01300.

**1.4. Warranty:** The Glace-Guard Impact Traffic door and hardware carry a warranty of one (1) year against any defect or faulty workmanship.

**PART 2 - PRODUCT**

**2.1 Materials :**

- Panel skins made of impact-resistant thermoplastic composite
- Expanded polystyrene foam core (model Impact Traffic HD)
- Commercial aluminum extrusions 6063 T5

**2.2 Product : Glace-Guard** Impact Traffic door, model HD, (2" thick), as manufactured by **THERMOSTOP INC.**, 3775 boul. Losch, Longueuil, (Québec), J3Y 5T7, tel.: 450-678-8666, fax.: 450-678-7765, [www.thermostop.com](http://www.thermostop.com)

**2.3 Dimensions :**

<u>Quantity</u>	<u>Dimensions</u> ( <u>height x lenght</u> )
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**2.4 Size:**

- Single panel: Up to 36" W. x 120" H.  
(914mm W. x 3048mm H.)
- Double panel: Up to 72" W. x 120" H.  
(1829mm W. x 3048mm H.)

**2.5 Thickness:**

2" (50mm) thick

**2.6 Panel manufacturing process:**

Glace-Guard Impact Traffic HD: Panels are made of highly impact-resistant Fiber Reinforced Plastic (FRP) composite skins and are insulated with an expanded polystyrene (EPS) foam core.

**2.7 Finish:** Smooth, white finish. Optional shop painted color.

**2.8 Single or bi-parting:** Door can be single or bi-parting.



THERMOSTOP INC., 3775 Losch, Longueuil, Québec, Canada, J3Y 5T7, Tél. : (450) 678-8666, Fax. : (450) 678-7765

- 2.9 Hardware:** heavy duty gravity type hinges, double acting and allowing smooth swinging in both directions. The weight of the panels, or gravity, causes the door to return to closed position by itself.
- 2.10 Perimeter and bottom weather seal:** U-shaped, flexible PVC weather seal, retained in a heavy duty extruded aluminum retainer, securely fastened to the four sides of each door panel.
- 2.11 Window:** Thermo sealed acrylic or SDP-16 polycarbonate window, 12" x 24" (305mm x 610mm), black frame moulding.
- 2.12 Impact plate:** One 5/32" (4mm) thick, 24" (610mm) high, HDPE impact plates on each side, for a total of two plates on each door panel, protecting the door from scratches and offering extra-robustness to the panel.
- 2.13 Spring bumper (optional):** two 36" (914mm) high black HDPE spring bumpers, one on each panel side, protect the door against scratches and provides extra protection against impact.

### **PART 3 – INSTALLATION**

- 3.1** Ensure the Impact Traffic door is level and square. Install materials and/or others components as per manufacturer's instructions and building code.
- 3.2** Co-ordinate receiving goods on site. Also, the installer shall provide proper equipment and labour to receive the materials on site.
- 3.3** Work is performed by approved and licensed installer.
- 3.4** Keep site clean and free of unnecessary materials as the work progresses.
- 3.5** Correct deficiencies diligently as requested by site supervisor.