



## Your most resistant impact traffic door !

The Glace-Guard™ Impact Traffic HD door combines insulation performance and robustness, while being light and durable. Its 2" thick panels are made of impact resistant thermoplastic composite skins and are insulated with an expanded polystyrene (EPS) foam core.

For extra heavy duty applications, the Glace-Guard™ Impact Traffic XHD is the ideal choice as its 2" thick panels are made of extra heavy duty thermoplastic composite skins and a honeycomb core.

The composite panels are extremely impact resistant. They passed successfully tested as per the Missile Impact Test TAS 201 of the Florida (USA) Building Code.

The Glace-Guard™ Impact Traffic door hardware is heavy duty and precise. It is engineered to operate by gravity and to withstand an intensive usage, while providing smoothness of operation.

The Glace-Guard™ Impact Traffic door is ideal for applications such as:

- Supermarkets
- Restaurants
- Stock rooms
- Heavy distribution warehouses
- Heavy manufacturing

### Impact Traffic® / Glace-Guard™

HD, XHD Series

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#### Well insulated:

For heavy duty applications, the Impact Traffic HD door model offers 2" (50mm) thick panels with an insulated expanded polystyrene (EPS) foam core. For extra heavy duty applications, the Impact Traffic XHD door model provides 2" (50mm) thick honeycomb core panels for even more robustness.

#### Impact-resistant and high technology material:

Both Impact Traffic door models are made out of highly impact-resistant thermoplastic composite skins. The Impact Traffic door panels have successfully passed the *Missile Impact Test TAS 201 of the Florida (USA) Building Code*.

#### Heavy duty hardware for long lasting use and smooth operation:

The heavy duty gravity hardware ensures smooth and durable operation. Its high precision design combined with the extremely lightweight panels allows door opening at the lightest touch and ensures personnel safety and damage-free equipment passage.



EPS foam core impact traffic door  
 Model Glace-Guard™ Impact Traffic HD (Heavy Duty)

Honeycomb core impact traffic door  
 Model Glace-Guard™ Impact Traffic XHD (Extra Heavy Duty)

Technical specifications

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**Reference product:**

Glace-Guard™ Impact Traffic HD or Glace-Guard™ Impact Traffic XHD, as manufactured by Thermostop Inc., www.thermostop.com

**Size:**

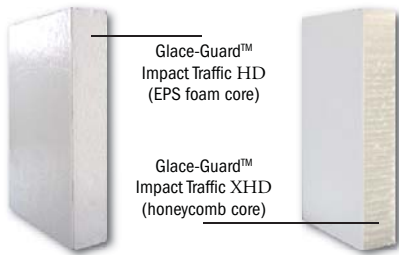
- Single panel: Up to 36" W. x 120" H. (914mm W. x 3048mm H.)
- Double panel: Up to 72" W. x 120" H. (1829mm W. x 3048mm H.)

**Thickness:**

2" (50mm) thick

**Panels:**

- Glace-Guard™ Impact Traffic HD: Panels are made of highly impact-resistant thermoplastic composite skins and are insulated with an expanded polystyrene (EPS) foam core.
- Glace-Guard™ Impact Traffic XHD: Panels are made of highly impact-resistant thermoplastic composite skins and a honeycomb core.



**Panel impact test:**

Missile Impact Test TAS 201 of the Florida (USA) Building Code: no penetration of exterior skin under the impact of 2" x 4" x 8' stud at 50' per second.

**Finish:**

Smooth, white finish. Optional shop painted color.

**Hardware:**

Heavy duty gravity type hinges, double acting and allowing smooth swinging in both directions. Upper hinge system consists of a pivot pin with an offset from the door jamb. Lower hinge system consists of a similar bottom pivot pin with a slightly shorter offset. As the door is pushed open, its panels change from a vertical plane to a slightly angled plane, due to the position of the pivot pins. The weight of the panels, or gravity, causes the door to return to closed position by itself.

**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.



**Glazing:**

Sealed acrylic or SDP-16 polycarbonate, 12" (305mm) diameter, black moulding, circular windows.



Sealed acrylic or SDP-16 polycarbonate, 12" x 24" (305mm x 610mm), black moulding, round corners windows.



Double panel traffic door  
Model Glace-Guard™ Impact Traffic HD



**Impact plate:**

Two 7/32" (6mm) thick, 12" (305mm) high, HDPE impact plates on each side, for a total of four plates on each door panel, protecting the door from scratches and offering extra-robustness to the panel.

**Spring bumper (optional):**

Two 36" (914mm) high black HDPE spring bumpers, one on each panel side, protect the door against scratches.

**Painted color (optional):**

Optional shop painted color, to be selected from the SICO or RAL color chart.



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**Warranty**

Thermostop doors and hardware carry a warranty of one (1) year against any defects or faulty workmanship. The door panels carry a ten (10) year limited warranty against perforation due to rusting, under normal operational conditions.

