



Your impact-resistant high speed door !

The Glace-Guard™ Armorflex is your ideal high speed sliding door for high traffic operations in your warehouse, for energy savings and for low maintenance costs.

With this high speed door, you can maintain a fast pace of operations by putting the door right back into place after it gets hit by a forklift, avoiding down time and minimizing maintenance costs.

The Glace-Guard™ Armorflex is ideal for applications such as:

- Heavy traffic cold storage warehouses
- Heavy distribution warehouses
- Food processing plants
- Pharmaceutical warehouses
- Heavy manufacturing



High speed sliding door
Model Armorflex

Armorflex® / Glace-Guard™

Cold Storage Doors Series

Section 08326

High speed operation:

State of the art technology with speed of up to 84" per second for opening. Advanced brushless servomotor technology. Closed loop control system. Programmable obstruction sensing. LCD display of system operation and keypad. Electronic programmable clutch.

Highly resistant protective shield and impact-resistant materials:

Heavy-duty polyester fabric shield combined with a flexible cushioning closed-cell foam core, retained in an extra-robust frame.

Suitable for food industries:

The polyester fabric shield is FDA approved for food industries.

Break-away hardware to withstand impact and to support continuous door operation:

The hardware is engineered to allow the door panel to swing open when it gets hit by a forklift. The break-away hardware makes it easy to put the door right back into place.

Well insulated and water-resistant:

4" thick core of closed-cell, water-resistant foam. The closed-cell foam has a triple quality of insulating, shock absorbing and water resistance. Particularly relevant for cold storage applications, the water resistance feature protects the door from infiltration of ambient humidity through its core, preserving the integrity of the door panels for long-lasting usage.

Designed for energy savings:

All materials are thermally non-conductive to minimize or eliminate all possibilities of energy losses and frost build-up. Superior double contact seal for the perimeter frame, the bottom and the center of the biparting door.

THERMOSTOP
Tradition of quality

Reference product:

Glace-Guard™ Armorflex, as manufactured by Thermostop Inc., www.thermostop.com

Speed:

Opening: up to 84" (2134mm) per second
 Closing: up to 42" (1067mm) per second

Temperature range:

-20°F to +120°F (-29°C to +49°C)

Size:

Up to 10' 0" W. x 16' 0" H.
 (3048mm W. x 4877mm H.)

Panel:

4" (100mm) thick, impact-resistant panel. Its skins are made of an FDA approved polyester fabric combined with a flexible closed-cell foam core. Both the fabric shield and the foam are water-resistant and retained in an extra-robust impact-resistant frame.

Hardware:

The hardware consists of a heavy-duty double track system and trolley assembly roller systems. The trolley assembly stabilizes the movements of the panels at high speed and is equipped with solid tire rollers to support an intensive usage. The track system is slanted from center to both ends to ensure a tight seal and to reduce seal wear. All components are made of aluminum or galvanized steel, or are zinc coated for food applications.



Heavy-duty double track system combined with trolley assembly

Break-away hardware features:

The panel is hinged to the trolley assembly to allow the door to swing away from the wall upon impact. A guide system ensures the precise movement of the door panels at high speed while allowing it to break free upon impact.

Back frame (optional):

Vertical and horizontal back frame made of 3/4" water-resistant plywood in double layers, clad with white galvanized steel.

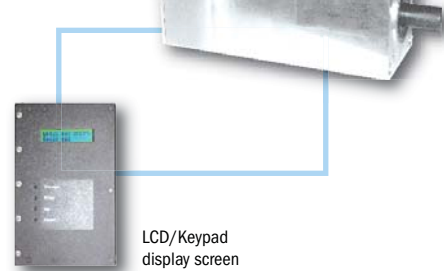
Heat trace (optional):

For freezer applications, the door panels and frame are equipped with a heat trace on four sides to prevent ice or frost accumulation, and to avoid the need of a heated threshold.

Glazing (optional):

Tempered sealed glass or SDP-16 polycarbonate 12" x 24" windows

State of the art servomotor (11" x 4 1/4" x 4 1/4")



LCD/Keypad display screen

Motor:

- High speed operation: up to 84" (2134mm) per second at opening, 42" (1067mm) per second at closing
- Brushless servomotor
- Closed loop control system to ensure accurate motion profile with changing loads
- Selectable input voltage, single or three phase: 115, 208, 230, 460 or 575 VAC
- Programmable obstruction sensing
- Cycle counter
- LCD/Keypad display of system operation
- Electronic programmable clutch
- Electronic door lock protection
- Corrosion-resistant



Impact-resistant panels with break-away hardware



3775 Losch Blvd.
 Longueuil (Quebec)
 Canada
 J3Y 5T7

Phone: 450.678.8666
Toll free: 866.678.0123
Fax: 450.678.7765
thermostop.com

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.

