



Your unbeatable high speed sliding door !

The Glace-Guard™ Armatech is a superior quality high speed sliding door that is your definite solution for a high traffic environment with energy conservation and low maintenance costs as criteria of selection.

With this high speed door, you can maintain a fast pace of operations in your plant by putting the door right back into place after it gets hit by a forklift. Its extremely resistant thermoplastic composite shield, combined with a 4" thick expanded polystyrene (EPS) core, protects the door from damages due to impact from a forklift or other types of vehicle.

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

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



Armatech® / 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.

Impact-resistant and high technology material for panel skin:

The panel skin is made out of a highly impact-resistant thermoplastic composite. Other relevant properties are its light weight, durability, impermeability to moisture and water, and high fatigue resistance.

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 or other types of vehicle. The break-away hardware makes it easy to put the door right back into place.

Well insulated and water-resistant:

4" thick water-resistant expanded polystyrene (EPS) foam core. 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 door bottom and the center of the biparting door.



High speed sliding door
Model Armatech

Reference product:

Glace-Guard™ Armatech, 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:

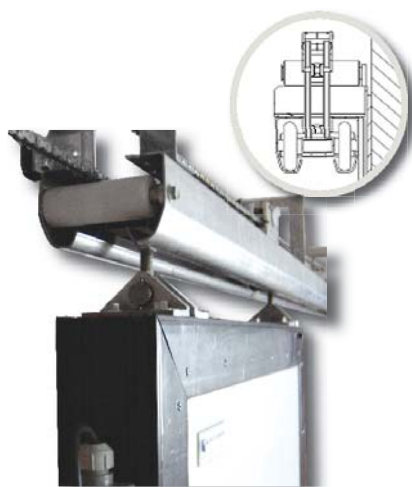
4" (100mm) thick, impact-resistant panel. Its skins are made out of a thermoplastic composite, expanded polystyrene (EPS) core.

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.

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 ¾" 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.

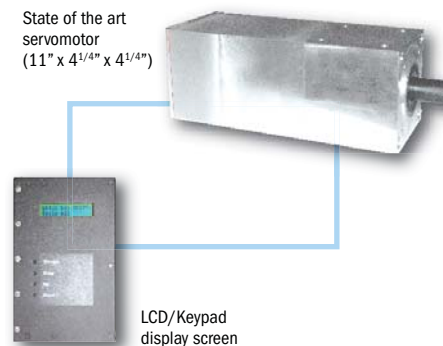
Glazing (optional):

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

Break-away hardware and impact-resistant panels



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, up to 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

THERMOSTOP
Tradition of quality

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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.

