

Impactable Composite Panel®



The Impactable Composite Panel!

In an efficient warehouse environment, your dock doors are constantly exposed to damages by fork-lifts frequently moving at high speeds. When the door gets hit, it is generally the bottom panel or the first two bottom panels that get damaged. Repairing and replacing broken panels can be expensive both in maintenance costs and in down time.

Your solution: **the Impactable Composite Panel.**



Unsurpassed impact-resistant capability

Made with Fiber Reinforced Plastic (FRP) composite skins and strengthened with an Expanded Polystyrene (EPS) foam core. The high-strength and low-weight FRP composite skin is the strongest commercial material available.

Universally adaptable to all door makes

The ideal replacement bottom panel for retrofit applications. Universally adaptable to all door makes, door thicknesses (1½" to 2") or joint profiles.

Easy installation

It takes very little time to install the Impactable Composite Panel as compared to a standard bottom panel.

Impactable Composite Panel

- **Door maintenance savings**
- **Increased warehouse efficiency**

Standard specifications

Section 08 34 19 Industrial Doors

PART 1 – GENERAL**1.1 Construction requirements:**

- Design panel to withstand wind load of 21 psf (velocity of 90.5 miles/hour) with a maximum horizontal deflection of 1/120 of opening width.
- Panel to be made using Fiber Reinforced Plastic (FRP) composite skins.

1.2 Warranty:

Thermostop Impactable Composite Panel carries a warranty of one (1) year against any defect or faulty workmanship.

PART 2 - PRODUCT**2.1 Material:**

- Impact resistant Fiber Reinforced Plastic (FRP) composite skins.
- Expanded polystyrene (EPS) foam core.
- Commercial aluminium extrusions 6063 T5.
- 16ga. G-90 galvanized steel in conformity with ASTM A653.

2.2 Reference product:

Impactable Composite Panel, as manufactured by THERMOSTOP INC., 3775 Losch boulevard, Longueuil, (Québec), Canada, J3Y 5T7, Tel.: 450-678-8666, Fax: 450-678-7765, www.thermostop.com

2.3 Insulation, skins & finish:

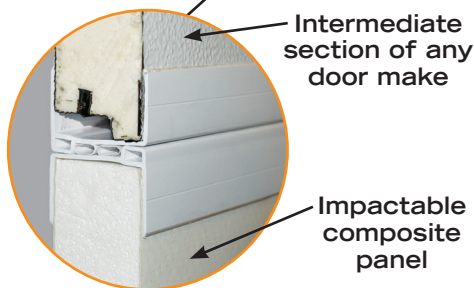
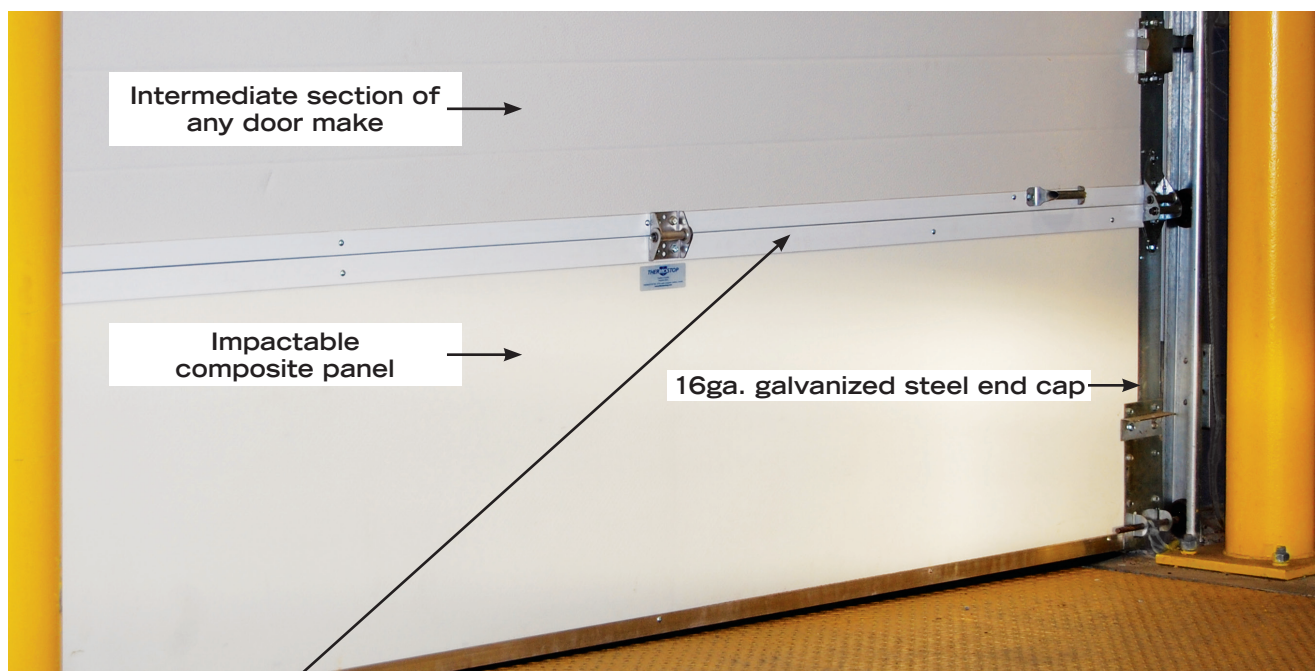
Expanded polystyrene (EPS) foam core shielded on both sides by impact-resistant Fiber Reinforced Plastic (FRP) composite skins, white finish.

2.4 Panel height: 24" or 21" high.**2.5 Thickness:** 2" (50mm) thick.**2.6 Bottom weather seal:**

U-shaped, flexible PVC weather seal, retained in a heavy duty extruded aluminum retainer, securely fastened to the bottom of the door.

2.7 End caps:

Sections are equipped with 16ga. (1.42mm) thick galvanized steel end caps.

Universally adaptable to all door makes**Universally adaptable joint**

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 rust, and a five (5) year limited warranty on delamination, under normal operational conditions.

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