



## INSULATION PACKAGE

## INFORMATION SHEET

### OVERVIEW

Insulation packages are available in a 2" or 3" thick type 1 rigid board polystyrene. These panels include a mylar reflective material which is laminated to the exterior of the panel by a heat melt process. The panels have a R value of R12 (2") and R16 (3"). Each panel is ship-lapped to provide a continuous thermal break. The interior side of each panel is lined with a cosmetically appealing, 26-gauge, white aluminum embossed liner. The liner is adhered to the insulation panels in the factory. Different liner styles can be special ordered to match the aesthetic of your building. Another feature included with each insulation package is an L trim which is fastened to the bottom of the top section of the door. This L trim caps off the insulation so the insulation is not visible when the door is in the open position. All insulation panels are pre-cut in factory for quick installation.

The insulation panels are placed vertically on the exterior of the door frame and secured to the door frame by the Fasteners (Tek Screws). Having the panel fastened to the exterior of the door frame provides a full thermal break. This way the entire door frame is insulated rather than just in between the door frame members. In addition, the foam weather seal kit is included with each insulation package. This kit consists of a closed cell, neoprene foam tape. It is fastened to the inside perimeter of the frame to seal the door against the building. The foam weather seals are also applied along the center hinge and to the exterior of the door frame, sealing any potential gaps between the door frame and insulation panel.

### TECHNICAL SPECS

Insulation Type: Type 1 ridged board polystyrene  
Panel R-value: R12, R16  
(2" and 3" thicknesses respectively)  
Colour: White

### WARRANTY

The door is free of manufacturing defects in material and workmanship for a period of two years. The door will not warp, crack, or buckle under normal intended use as a door.



### FREQUENTLY ASKED QUESTIONS

**Can I add insulation panels to my existing Diamond Door?**

The Insulation Package can be added to an existing Diamond Door. Your trims and fasteners will need to be replaced to accommodate for the added width of the panels. The cladding can be reused.

**Can I provide my own insulation?**

Yes, all we need to know is the weight per square foot of the insulation you choose so we can ensure the additional weight is accounted for in the drive.

**Can I spray foam my door?**

Spray foam is not recommended for the interior of the door as it often interferes with the locking system and moving parts of the door.

