



## POLYCARBONATE SHEETING

## INFORMATION SHEET

### OVERVIEW

Diamond Doors offers two types of polycarbonate sheeting, Therma Vu (30mm) and Diamond Vu (10mm). The polycarbonate sheeting is one of our options to allow natural light to penetrate through the door into the building. They are translucent, and therefore let only a percentage of the light in. This is a great option for dimly lit shops or applications that require privacy from passersby.

We have polycarbonate options for both insulated and non-insulated buildings. The Therma Vu polycarbonate is great for insulated building applications. It is also fire rated. The Therma Vu sheeting is available in two colours, clear and smoked (grey). Our Diamond Vu polycarbonate sheeting is great for non-insulated buildings. Both panel types are equipped with a protective coating that prevents UV damage and discolouration.

For easy installation, the Therma Vu sheets snap together much like a tongue-and-groove joint connection. They can be cut to size or purchased by the sheet.

### TECHNICAL SPECS

#### THERMA VU

Internal Structure: 5 Wall  
Panel Coverage: 21" wide 12' long / cut to size  
Thickness: 30 mm  
Weight: 3.6 Kg/m  
Light Transmission (Clear): 50%-56%  
Light Transmission (Smoked): 15%-30%  
U-value: 1.3W/m<sup>2</sup>.K  
Tensile Strength: >60Mpa  
Fire Rating: B1

#### DIAMOND VU

Internal Structure: Twin wall  
Panel Coverage: 21" wide 12' long / cut to size  
Thickness: 10 mm  
Light Transmission (clear): 88%  
U-value: 3.2W/m<sup>2</sup>.K

### 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 polycarbonate sheeting to my existing Diamond door?**

Our sales team would be happy to provide you pricing for adding polycarbonate to an existing door. All we require is your door serial number.

**How much of the bi-fold door can I cover with polycarbonate sheeting?**

Our polycarbonate sheeting can be installed as a row, half the door, or a full door application.

**Is the sheeting difficult to install?**

Polycarbonate sheeting is basic to install, and the included manual includes step-by-step instructions. Each sheet is cut to length in factory.

