



## **GUIDE TO HANDLING & STORAGE of IGU's**

- Insulating Glass Units must be transported and stored so that both panes of glass are equally supported. Units should be stored vertically or stored on a 90° angle rack set at 4° -7° from the vertical – Figure 1. Units may be moved and stored on site storage trolleys similar to example in Figure 2.
- Insulating Glass Units should not be stacked more than 6 deep. For units of various sizes, stack the largest against the supports. Where size changes occur, suitable interleaving should be used.
- All Insulating Glass Units must be stored in dry ventilated conditions out of direct sunlight.
- Wrapping plastic over glass for weather protection is not advised as it can allow condensation to accumulate, resulting in damage to the glass and/or the unit seal.
- If Insulating Glass Units are going to be transported and/or installed into a location which is more than 800 metres' difference in altitude from the manufacturing location, then special precautions and advice must be sought from the manufacturer. This caution relates to the pressure within the unit.
- Strops or slings which support both panes of glass are recommended for moving Insulating Glass Units.
- If it is necessary to rotate large Insulating Glass Units, a corner block may be used to protect the edge of the unit (Figure 3), or use a vacuum lifter with a rotating head.
- Care must be taken when handling large Insulating Glass Units with suckers, as this can put undue stress on the seals. Please contact your IGUMA member for specific advice.
- Glass grabs that create a crushing force which can damage the spacer are not recommended.

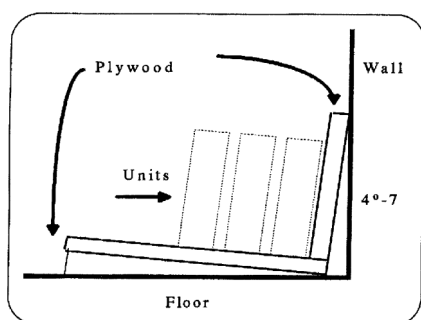


Fig 1  
Fixed Storage Rack



Fig 2  
IGU's in a Fixed Tooth Storage

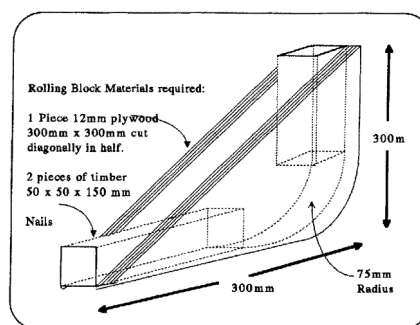


Fig 3  
Corner Block for Rotating IGU