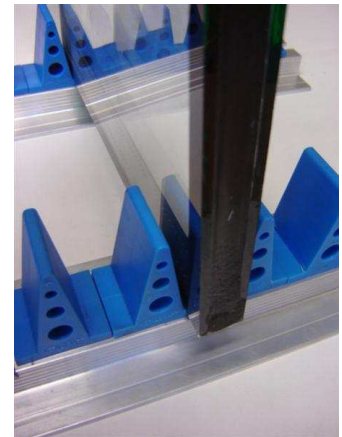
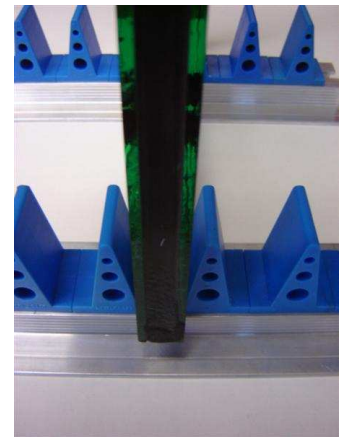
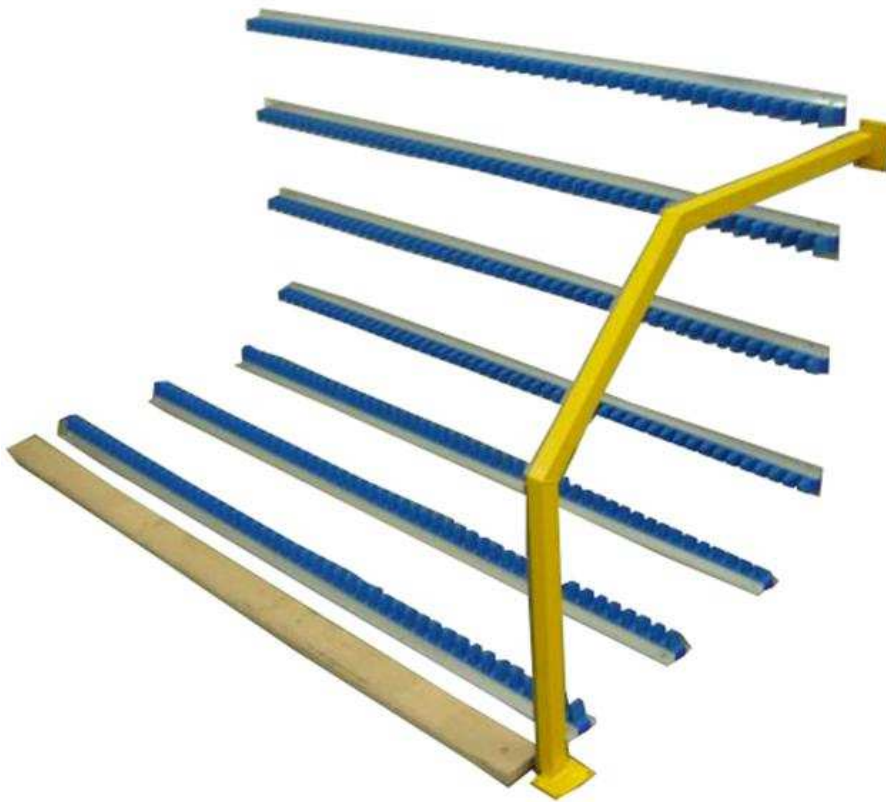


# THE GLASS RACKING COMPANY

## Innovation by Design

### TOOTH IGU FIXED STORAGE



The Glass Racking Company Tooth IGU Fixed Storage system has been developed to assist glass and window companies with the storage of Integrated Glass Units. The unique design of the Tooth system secures IGUs of 45/64" to 1 3/8" thickness in a single storage system that is sized to suit your facility and individual needs.

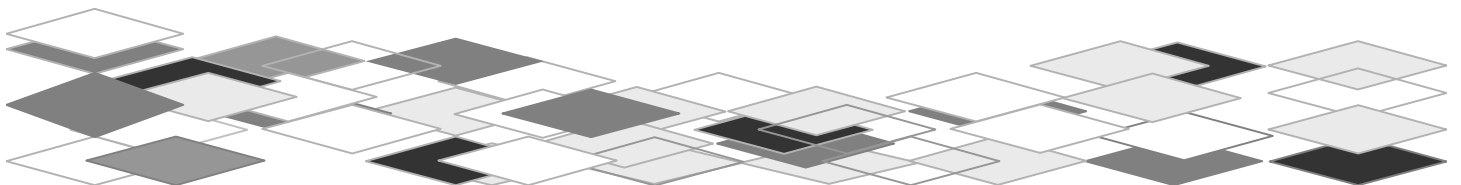
GET FULL PRODUCT CATALOGS ONLINE AT  
[WWW.THEGLASSRACKINGCOMPANY.COM](http://WWW.THEGLASSRACKINGCOMPANY.COM)

## THE COMPONENTS

The Glass Racking Company Tooth IGU fixed storage system utilizes a new securing system based on an ABS plastic tooth that slides into a grooved section of either aluminum or steel. Rows of teeth provide the required security for glass IGUs while being stored.

Key components of The Glass Racking Company Tooth IGU fixed storage system are :

- The tooth is molded out of non-marking ABS plastic of a grade to withstand the continual loading and unloading of IGUs from the system. Thin IGUs can rest on the bases between the teeth, while thicker units will sit up the sides of the tooth supported by both edges. Rows of aligned teeth ensure that IGUs of various sizes are secured.
- The teeth fit into the grooved steel and aluminum sections used on our existing carts and glass handling equipment. This provides a range of design options.
- The leading edge of The Glass Racking Company Tooth IGU Fixed Storage system is a plate of 1 9/64" hardwood ply. This means that when an IGU is being unloaded, it can be removed from the fixed storage system and rested on the plywood to allow the user to get a better grip on the IGU for lifting and carrying. Larger units can be rolled forward on the plywood to assist with unloading.
- The Glass Racking Company Tooth IGU fixed storage system has options for supply of all fixings (including pre-drilled holes), supply of a number system which is adhered to the aluminum flap on the top row of teeth, and end safety bars to protect the stored IGUs.
- All lengths of aluminum extrusion are supplied with plastic end caps



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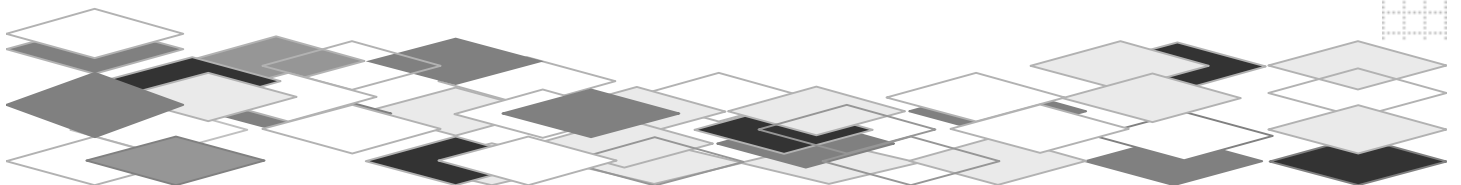
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## **BENEFITS OF THE TOOTH IGU FIXED STORAGE**

- The Tooth IGU fixed storage system is very space efficient for IGU storage, at 1 9/16" per IGU. This uses 20% less space than IGU harp style storage systems and up to 75% less than some brands which use thick foam separators
- The IGUs are supported by a tooth every 12" which makes them very secure.
- The Tooth IGU fixed storage system is quick and easy to load and unload with reduced risk of scratching the IGUs
- The Tooth IGU fixed storage system means that job lots which contain various thicknesses of IGU glass can be safely and easily managed on a single system
- As new IGU thicknesses are required the existing Tooth IGU fixed storage system will accommodate them
- IGUs are kept secure from touching abrasive or damaging surfaces, including other IGUs
- The "toaster" layout of the Tooth IGU fixed storage system means that individual IGUs can be accessed for processing without touching other IGUs

## **STORING SASHES**

- The Tooth has a 45/64"-1 3/8" space for storing the IGU. This can be extended to allow for sashes and other aluminum frames to be stored in the same way as the IGUs. The aluminum extrusion sits into the tooth system with both sides of the extrusion (the high side and the low side) being supported. Only The Glass Racking Company Tooth can provide this support for a range of aluminum window extrusions
- Typical spacers provided for sash storage allow for 1 3/8"- 2 1/16" extrusion widths, but can be configured to suit your needs
- Allowance should be made for window fittings



## TIPS FOR USE

When loading IGUs into the Tooth IGU fixed storage system ensure that the IGU is pushed firmly into both the horizontal and vertical rows of teeth simultaneously. The teeth are designed to hold the IGUs and hence the tooth systems are not designed for sliding the IGU into position (as with harp style systems)



The tooth system is suitable for IGUs of up to 4 Foot x 4 Foot. Larger or heavier units should be stored separately as they become difficult to unload by grasping their edge. Any non-arrised IGUs may cut into the tooth over a period of time, particularly if slid into and out of position. The wear is reduced by placement, and if needed the teeth are replaceable.

## SIZING

Simply provide The Glass Racking Company with the length, height and depth of the required storage system, plus the floor and backing material (concrete, timber etc) and your choice of IGU or Sash storage. We will provide a quotation for supply and instructions for user installation.

### FIXED TOOTH STORAGE

Contact us today to discuss your glass and window factory handling needs.

## HOW TO PURCHASE

Contact your local representative in USA and Canada.

USACAN Fixed Toothk  
4 pager  
July 2010

**THE  
GLASS RACKING COMPANY**  
Innovation by Design

The Glass Racking Company

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