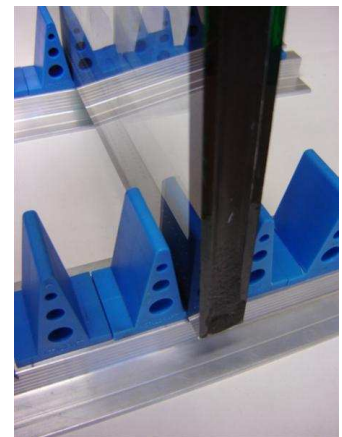
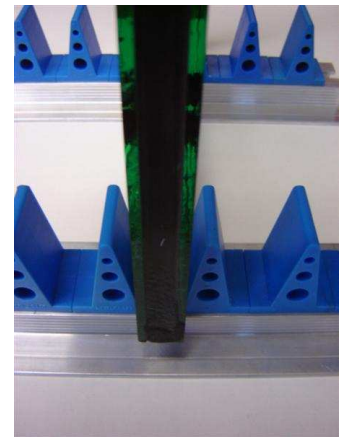


# METALCRAFT

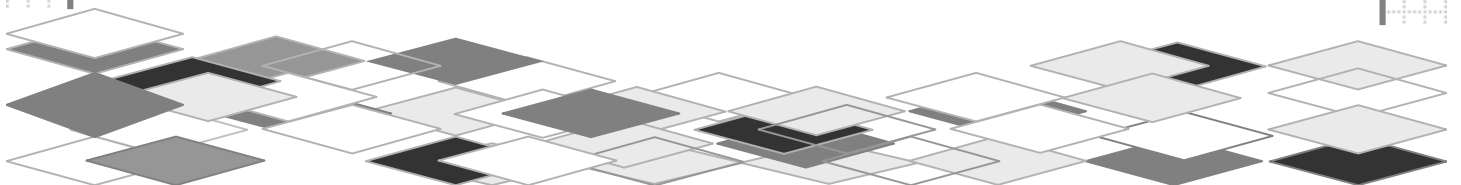
## Innovation by Design

### TOOTH DGU FIXED STORAGE



The Metalcraft Tooth DGU Fixed Storage system has been developed to assist glass and window companies with the storage of Double Glazed units. The unique design of the Tooth system secures DGUs of 18mm to 35mm thickness in a single storage system that is sized to suit your facility and individual needs.

GET FULL PRODUCT CATALOGUES ONLINE AT [WWW.METALCRAFT.CO.NZ](http://WWW.METALCRAFT.CO.NZ)

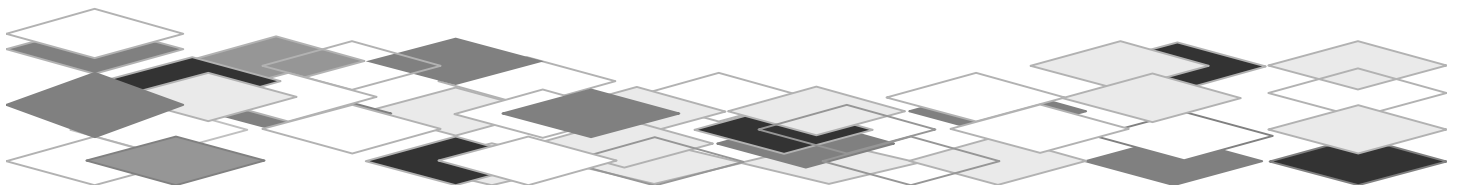
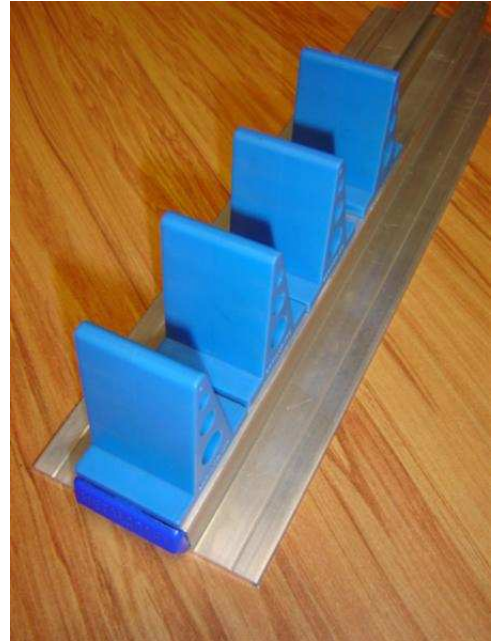


## THE COMPONENTS

The Metalcraft Tooth DGU fixed storage system utilises a new securing system based on an ABS plastic tooth that slides into a grooved section of either aluminium or steel. Rows of teeth provide the required security for glass DGUs while being stored.

Key components of the Metalcraft Tooth DGU fixed storage system are :

- The tooth is moulded out of non-marking ABS plastic of a grade to withstand the continual loading and unloading of DGUs from the system. Thin DGUs 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 DGUs of various sizes are secured.
- The teeth fit into the grooved Metalcraft steel and aluminium sections used on our existing trolleys and glass handling equipment. This provides a range of design options.
- The leading edge of the Metalcraft Tooth DGU Fixed Storage system is a plate of 29mm hardwood ply. This means that when a DGU 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 DGU for lifting and carrying it. Larger units can be rolled forward on the plywood to assist with unloading.
- The Metalcraft Tooth DGU fixed storage system has options for supply of all fixings (including pre-drilled holes), supply of a number system which is adhered to the aluminium flap on the top row of teeth, and end safety bars to protect the stored DGUs.
- All lengths of aluminium extrusion are supplied with plastic end caps

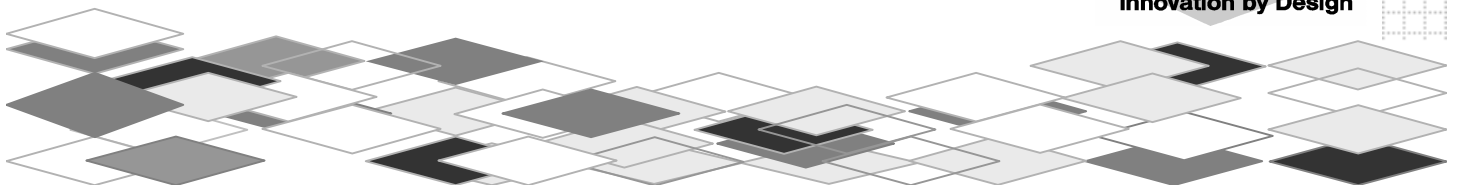


## BENEFITS OF THE TOOTH DGU FIXED STORAGE

- The Tooth DGU fixed storage system is very space efficient for DGU storage, at 40mm per DGU. This uses 20% less space than Metalcraft DGU harp style storage systems and up to 75% less than some brands which use thick foam separators
- The DGUs are supported by a tooth every 300mm which makes them very secure.
- The Tooth DGU fixed storage system is quick and easy to load and unload with reduced risk of scratching the DGUs
- The Tooth DGU fixed storage system means that job lots which contain various thicknesses of DGU glass can be safely and easily managed on a single system
- As new DGU thicknesses are required the existing Tooth DGU fixed storage system will accommodate them
- DGUs are kept secure from touching abrasive or damaging surfaces, including other DGUs
- The “toaster” layout of the Tooth DGU fixed storage system means that individual DGUs can be accessed for processing without touching other DGUs

## STORING SASHES

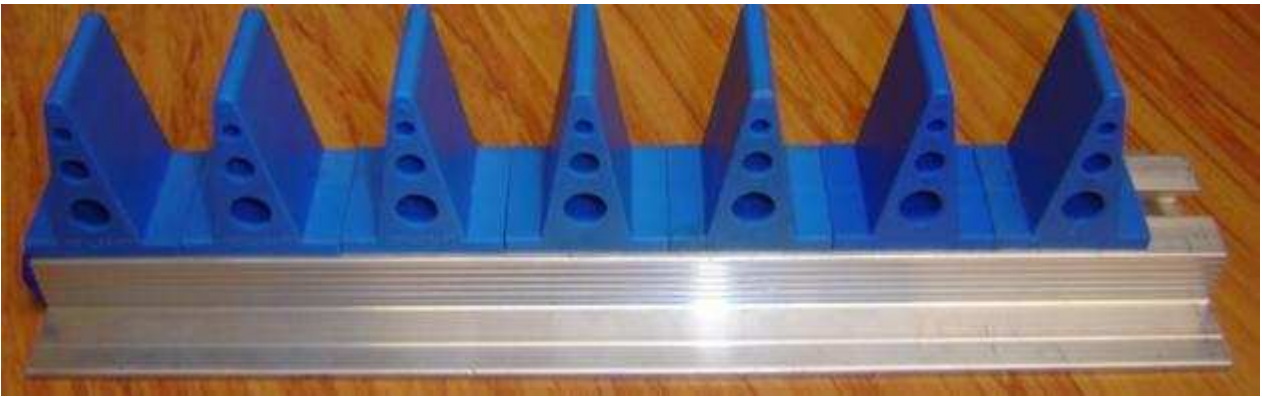
- The Tooth has a 19-35mm space for storing the DGU. This can be extended to allow for sashes and other aluminium frames to be stored in the same way as the DGUs. The aluminium extrusion sits into the tooth system with both sides of the extrusion (the high side and the low side) being supported. Only the Metalcraft Tooth can provide this support for a range of aluminium window extrusions
- Typical spacers provided for sash storage allow for 35-53mm extrusion widths, but can be configured to suit your needs
- Allowance should be made for window fittings



## TIPS FOR USE

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

The tooth system is suitable for DGUs of up to 1200mm x 1200mm. Larger or heavier units should be stored separately as they become difficult to unload by grasping their edge. Any non-arrised DGUs 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.



## HOW TO PURCHASE

The components of the Metalcraft Tooth fixed storage system are stock items. Simply provide Metalcraft with the length, height and depth of the required storage system, plus the floor and backing material (concrete, timber etc) and your choice of DGU or Sash storage. We will provide a quotation for supply and instructions for user installation.

CAD drawings of the installation are available on request. To discuss pricing please call either Ian Barker or Bryn Thompson on 03-360-3373.



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