

# Acryl-Sander™

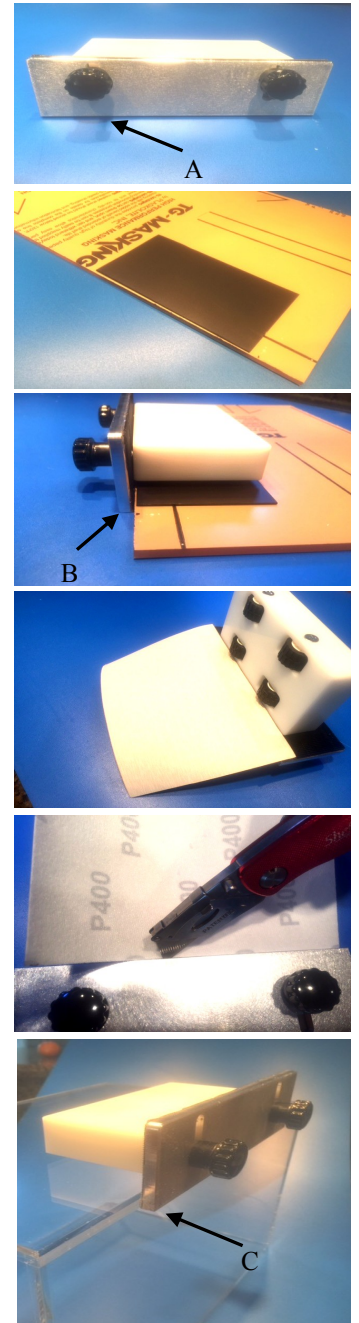
Acryl-Sander™ is a custom tool designed for precisely sanding edges of acrylic vitrines. This tool consists of a block with four no marring wheels to glide smoothly over the acrylic surface. There is an adjustable plate with a hook and loop surface that can sand acrylic edges perpendicular to the block using hook and loop backed sandpaper. The plate is adjustable and is designed for precisely sanding case edges up to 1" thick. Acryl-Sander™ can be used for solvent joints as well as two part glue joints. With proper use you can achieve a glass smooth seam free edge ready for flame polishing or buffing. This tool is most commonly used by hand but can be attach to a linier sander for faster results.

## Contents:

- 1- Acryl-Sander
- 3- Sheets of hook and loop sandpaper ( 220,320 and 600 grit)
- 1- Spacer shim

## Operational Instructions

- 1) Loosen plate gripping knobs (figure A) so the metal side plate can move freely.
- 2) Place a small piece of material on a flat surface that is the same thickness as the edge your planning on sanding.
- 3) Place the 1/16" shim provided on top of the small piece of material.
- 4) Place the Acryl-Sander™, wheels down, on the piece of material and the shim. Adjust the metal side plate down over the edge of the material allowing it to rest on the flat surface. (figure B).
- 5) Tighten plate gripping knobs to secure plate in position.
- 6) Apply an oversize sheet of desired grit of sandpaper. A sample of the most commonly used grits are provided with the sander.
- 7) Turn sander on its side and carefully trim off sandpaper with a knife using the bottom of the metal plate as a guide.
- 8) Roll sander on surface adjacent to edge to be sanded while applying moderate pressure to the side of sander. ( figure C )
- 9) Continue this process with progressively finer grits of sand paper until desired finish is achieved.
- 10) To achieve a virtually seamless finish, adjust side plate down an additional 1/16" to 1/8" during the final grit sandpaper to blend the adjacent surface with the sanded edge.
- 11) Buff or flame polish to achieve a high gloss seamless edge.



## Hints

- \*\*If sandpaper loads up too quickly you can use compressed air to remove dust from paper.
- \*\*Always remove all tooling marks with the first grit of sandpaper before using the finer grits.

