

Building On Glass

A presentation synopsis by Ken Myers

Supplies:

Building plans and parts

An appropriate size piece of glass plate or two depending on the size of the project

*safety glass is required if there are children in the household and to be completely safe

Masking tape

Spray contact adhesive like 3M77 – I used Duro All-Purpose Spray Adhesive for the demo

Cut Right Wax Paper – others aren't as good

Baking soda & small paintbrush

Instant Jet thin CA adhesive – others aren't as good

Glass Clean Up Supplies:

Single edge razor blades

Rag

Glass Cleaner & paper towels

The Basics:

Step 1: The area of the plan to be used is taped to a firm, flat surface.

Step 2: The glass plate is laid over the building area of the plan and taped so that it cannot move.

Step 3: The area on the glass where the building is to take place is sprayed with spray adhesive and then wax paper is smoothed over the building area.

Step 4: All of the parts to be assembled are laid out over the plan and checked for proper fit and then removed from the building area.

Step 5: Spray the building area with spray adhesive.

Step 6: Dust the parts with baking soda where they will be joined and lay in place on the building area.

Step 7: Dust any large gaps between mating surfaces with baking soda.

Step 8: Put a drop or two of Jet thin CA onto all joints.

Step 9: Remove the structure from the building surface by sliding a metal rule between the structure and the wax paper.

Step 10: When appropriate, turn the structure over, dust any gaps with baking soda and CA the joints on the “backside.”

Step 11: Remove the wax paper from the glass and prepare to work on the next structure by repeating steps 1 – 10.

Step 12: Sand the structure and do any “forming and shaping” that is necessary.

Clean up:

Over time, the glass will build up spray adhesive on the building surface. The glass can be cleaned of spray adhesive using paint thinner. Tough spots can be scraped with a single edge razor blade. The glass plate can then be cleaned up totally using a glass cleaner and paper towels.

Always store the glass FLAT in a safe area and out of reach of children.

Wear gloves when handling the glass.

***Safety glass is required if there are children in the household and to be completely safe!**