

Balsa USA

Mighty Miter Sander

(Please read these instructions fully before beginning your build to ensure all steps are fully understood)

The Mighty Miter Sander was designed to help you to make all the angled pieces you will need for your build from 0° up to 45°. We hope you enjoy this tool and it will help you along the way to Building Your Dreams into a Reality!

Complete build video available at:
<https://youtu.be/EkkqXjfBC48>

Included with this kit:

Wood

- #1: 1- Laser cut Sander Base
- #2: 2- 3/8 Sq x 8 Bass
- #3: 1- 3/8 Sq x 4-3/4 Bass
- #4: 1- 3/8 Sq x 1 Bass
- #5: 4- 1/4 x 2 x 4-3/4 Bass
- #6: 2- 1 x 1-5/8 x 4
- #7: 1- 3/16 x 3/8 x 3-7/8

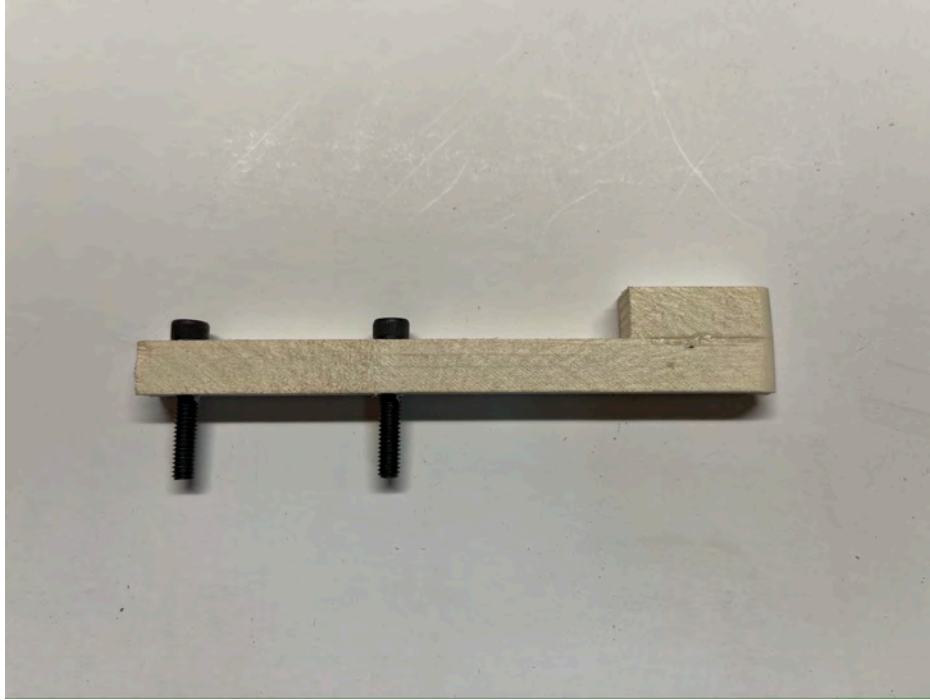
Hardware

- H1: 2- 8/32 x 1
- H2: 1- #8 x 3/4
- H3: 1-8/32 Nut
- H4: 8/32 Blindnut
- H5: #8 Washer

Step 1: Sanding blocks: Take one Part #5 and use Balsa USA Gold Thick CA and glue to one part #6 using the 3/16 shim (part #7) to block up sanding block as shown. Be careful not to glue your shim to the blocks. Repeat these same steps for both sanding blocks



Step 2: Assemble sander guide and handle (part #3 and 4) using Balsa USA Gold Thick CA to glue the two parts together. (optional step: sand ends round once cured.) insert 2 the included part # H1 yo pre-drilled holes



Step 3: Install blind nut (part # H4) to sander base (part # 1). Glue feet (part #2) to base on both sides as shown.



Step 4: Install Fender washer (Part #H5) and nylon stop nut (part #H4) as shown.



Step 5:Enjoy!



Thank you for choosing Balsa USA for all your building needs! If you have any questions or concerns concerning this or any other Balsa USA build please don't hesitate to contact us for further assistance.

Check out:
<https://youtu.be/EkkqXjfBC48>

for a detailed video on the assembly of this kit.