

# Faux Marble and Acacia Cutting Boards

JOHNSON PLASTICS  
PLUS

## FAUX MARBLE AND ACACIA CUTTING BOARDS - Laser Engraving

EMGMCB1 | EMGMCB2



## GENERAL LASER ENGRAVING PROCESS

### Recommended Equipment & Accessories

- CO2 Laser Engraver
- Clean Towel
- Isopropyl Alcohol

<b>Recommended Settings- Laser Engraving</b>	
<b>50-60W Lasers</b>	
Laser Power	20-30
Laser Speed	75-100
Resolution (DPI/PPI)	500-600

### **General Laser Engraving Instructions**

- Place the cutting board onto the laser bed and align to the zero point on the laser bed.
- Adjust the laser focus to the surface of the cutting board.
- Once the artwork is positioned, engrave using the suggested starting settings.
  - Settings may need adjusted depending on the laser tube wattage.
  - **IMPORTANT:** Laser engraving the marble material is not recommended.
- When finished, remove the cutting board from the laser bed.
- If cleanup is needed, wipe the surface with a clean cotton cloth lightly misted with isopropyl alcohol.

### **Tips and Tricks**

- To help with artwork placement, utilize the product template for this item, found on the item's product page on [jplusplus.com/](http://jplusplus.com/).
- Laser engraving the marble material is not recommended.

### **Troubleshooting**

- The engraving is too shallow.
  - Laser power setting and/or resolution may need to be increased.
  - Laser speed setting may need to be decreased.
  - Check laser focus.
  - Check and clean laser lenses and mirrors.
  - Check laser alignment. (see laser users manual on how to check and adjust laser beam alignment)
- The engraving is too deep.
  - Laser power setting and/or resolution may need to be decreased.
  - Laser speed setting may need to be increased.
- The engraved area is charring/melting.
  - Laser power setting and/or resolution may need to be decreased.
  - Laser speed setting may need to be increased.
- The edges along the laser cut line are curling.
  - Laser power setting may need to be decreased.
  - Laser speed setting may need to be increased.

- Use a laser cutting ("honeycomb") grid insert to set the product up off of the solid metal laser bed.
  - Use air assist if available.
- 

### **Templates and Images**

- Visit [jplusplus.com](http://jplusplus.com) to find the product page for this item. The product template may be found under the Tech Docs and Downloads area of the page.
- 

**To order more of this product, see similar products and much more, please visit [jplusplus.com](http://jplusplus.com).**

For additional product support and troubleshooting, please contact JPPlus Advanced Support Team:

- Phone: 419-500-4877
- Email: [ast@jplusplus.com](mailto:ast@jplusplus.com)
- Schedule an appointment: <https://jplusplusadvancedsupport.setmore.com/>