

TECH TIP

Laser Engraving Border Plaques

The Border Plaques are available in blue, red and green marble. Included with the Border Plaques are the wall hanging backings - place the backings aside for later use.

The factory mask should first be removed before laser engraving. This brown, factory mask contains paraffin, which leaves a residue behind if you try to engrave through and into the acrylic.

For light surface engraving, do not use any mask on the acrylic. For deeper engraving that will be paint filled, use a transfer tape or Mylar mask.



- Start by placing the acrylic piece on the engraving table. For light surface engraving, focus on the top of the acrylic piece. Then focus into the acrylic by .020 inches.

This will increase the diameter of the laser spot size slightly and create smoother engraving. Since you will need to engrave through the colored coating, increase your standard power setting for acrylic by 5 percent.

- For deeper laser engraving that will be paint filled, apply a paper mask first. Next place the piece on the engraving table and focus on the top. Engrave as normal to the desired depth.
- After laser engraving, remove the smoke residue with a soft cloth and acrylic cleaner such as the Novus 1 Acrylic Cleaner.

For heavy residue or deep scratches use the Novus 2 Acrylic Polisher.

- To apply the wall hanging backing, remove the factory covering to reveal the self-adhesive back. Apply the backing to the back of the border plaque, centering it.

Now the plaque will be ready to hang horizontally or vertically on the wall.



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