



## **OnePointe Solutions**

### **Epoxy Resin Cutting Guide**

Epoxy resin can be a difficult material to fabricate. Epoxy is an extremely dense material similar to quartz or granite. Epoxy will require diamond tooling to cut or fabricate in the field. Epoxy can be easily fabricated on tools such as a waterjet.

Epoxy should be cut at a moderate & safe speed. Cutting at too fast of a speed could result in damaged tooling, blades, product or injury.

Epoxy does contain silica, wearing a mask is recommended during fabrication. Wet cutting is recommended to keep dust down & improve tool life. The surface of the material can scratch easily, taping surface is recommended.

Below is a list of items needed for cutting phenolic resin.

#### **Tooling/Items Required**

- Saw/Router/Drill/Jigsaw/Angle Grinder (Tool required determined by fabrication type needed)
- Diamond saw blade(s) (For ideal results use a continuous rim type blade)
- Diamond hole saw (faucet hole)
- Diamond router tooling (Chamfers & interior cutting)
- Flap Disk (Chamfers & sanding)
- Jigsaw blades (Interior cut)
- Painters tape
- Sawhorses or flat safe surface
- Clean rags
- Water
- Mineral spirits or acetone
- Epoxy edge paint
- Tape measure
- Facemask

## Steps

1. Determine cut/fabrication needed
2. Place epoxy on sawhorses or safe surface for fabrication
3. Measure & mark area to be fabricated
4. Tape off surrounding area around where fabrication is needed
5. Set up tool for fabrication per manufactures safety guidelines
6. Perform fabrication needed at a safe speed (note: Epoxy can create a lot of dust, applying water to the tool/cut helps keep dust down & can improve tool life)
7. Sand edges to smooth out any imperfections
8. Remove tape & clean surface using mineral spirits or acetone
9. Use edge paint to paint seal edges

## Helpful Links

[RIDGID 7 in. Continuous Diamond Blade HD-CT70CP - The Home Depot](#)

[Diamond Router Bits: Stone, Granite, Marble, Quartz, and More – Diamond Tool Store](#)

[Diamond Saw Blades for Stone | Granite Cutting Blades – Diamond Tool Store](#)

[3M ScotchBlue 1.88 In. x 60 Yds. Original Multi-Surface Painter's Tape 2090-48CP - The Home Depot](#)

If you require any additional assistance please reach out to our customer service team for assistance. [\*\*866.311.6648\*\*](tel:866.311.6648)  
[customerservice@onepointesolutions.com](mailto:customerservice@onepointesolutions.com)