



**Fiberglass Services,
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- ◆ Epoxy
- ◆ Resin
- ◆ Gel Coat
- ◆ Mat
- ◆ Woven Roving
- ◆ Cloth & Tape
- ◆ Biaxial
- ◆ Coring Material
- ◆ Polyurethane Foam
- ◆ Aerosil
- ◆ Talc
- ◆ Pigments
- ◆ Webbing Solution
- ◆ Styrene
- ◆ Acetone
- ◆ Brushes/Rollers
- ◆ Tools

TROUBLE SHOOTING GUIDE for Polyester Resin

<u>PROBLEM</u>	<u>CAUSES & SOLUTIONS</u>
Resin not curing	Check the amount of hardener used and try adding more to next batch.
Spotty curing (soft spots)	Hardener not mixed well with resin. Mix thoroughly.
Tacky surface	Applied too thin or under damp conditions. Avoid application in damp or humid weather.
Too rapid curing	Excess hardener used or temperature too high. Cut back on hardener or apply during moderate temperature.
Slow curing	Insufficient hardener used or temperature too cold. Add more hardener or apply in warmer temperature.
Partially tacky surface	Excess brushing as resin was gelling. Flow on, do not overbrush.
Air bubbles	A. Mix resin and catalyst with slow folding motion. Do not whip or stir. B. After resin has been applied, use a bubble roller to squeegee out excess resin from one edge to the other. Air bubbles will come out with the excess resin.

<u>Do's</u>	<u>Don'ts</u>
<u>Do</u> work in a well ventilated area. Outdoors in the shade, or in an area with air flow.	<u>Don't</u> work in direct sunlight. The ultra-violet rays compound the hardeners action and will cut down on working time before resin hardens.
<u>Do</u> protect your hands and eyes from contact with abrasive chemicals. If you get the resin mixture on your skin, refer to package instructions for removing it.	<u>Don't</u> stretch fiberglass mat over large areas without sufficient backing support. The fiberglass will sag.
<u>Do</u> read the instructions ENTIRELY before beginning the job. Have all supplies on hand.	<u>Don't</u> apply Polyester resin over Styro-foam, redwood, or cedar. Use Epoxy Resin instead.
	<u>Don't</u> apply fiberglass over wet or dirty surfaces; it won't adhere.
	<u>Don't</u> apply Polyester resin over an epoxy finish, it will not adhere.