

EPIFANES TWO PART POLYURETHANE TOPCOAT APPLICATION GUIDE

A two part polyurethane paint available in 19 colors, designed for roller/brush application. High gloss extremely tough, buffable with excellent UV resistance.

Coverage: 120 ft per 750 ml can
Mixing Ratio: 2:1 by volume
Induction time: 30 min
Pot Life: 3 hr @ 65F / 20C
Tack Free: 3 Hard Dry 8 hr
Thinner: Epifanes Polyurethane Brush or Spray
Application Temperature: 50F to 85f / 15C to 25C

Epifanes Polyurethane may be applied directly to clean degreased and sanded (to 320 grit) gelcoat, epoxy and surfaces previously painted with two part polyurethanes, but better results are usually obtained when two coats of Epifanes Epoxy Primer are used. Pour the hardener into the paint stir well; allow the mixed paint to sit for 30 minutes. Add about 5% thinner and pour into a solvent resistant paint tray. Start at an edge or corner and using a soft foam (European) roller, roll out well. Cross roll for even coverage, (roll horizontally then vertically) do not try to cover in one coat. Use only one roller load of paint at a time immediately drag over the fresh paint with a 4" foam brush, use only the high density ones with the wooden handle. Do not try to brush the paint out; streaks from tipping will flow out on in a few minutes. If the brush drags or squeaks add more thinner to the mixed paint, the brush should move over the paint easily. Keep moving around the boat and try not to stop until you are finished or reach a corner. If the first coat goes on satisfactory you may apply a second coat without sanding when the paint is touch dry, about 3 hours. If necessary you can sand after 24 hours and apply the next coat.

REPAIRS TO TWO PART POLYURETHANE PAINTS

Repairs can be made by sanding the damaged area plus about a 6" border with 320 grit dry or 600 wet. Only take the gloss off the surface of the paint in the border areas. Apply 2 or 3 coats of paint feathering the edge toward but not into the un sanded surface. You can mask the area, but do not paint over the tape. Allow the paint to dry for two days, then wet sand by hand using a soft rubber pad with 400, 800, and 1200. Blend the new paint into the old, be careful not to sand through. Finish by buffing with rubbing and finishing compounds designed for two part paints.

APPLICATION TIPS

PREPARATION: Finish and durability is only as good as the prep work. Attention to detail, use of proper techniques and materials will produce superior results. If you can see flaws in priming and filling you will see them in the finish.

WEATHER AND WORK SITE: Optimum application temperature for these products is 200C or 700F ; avoid painting below 120C and above 300C. At low temperatures condensation can cause adhesion problems as well as loss of gloss. To check dew point, wet a small area with water, if it dries in 15 min it is OK to paint. At high temperatures the paint will not flow properly. Do not paint in direct sunlight, when it is windy or when it is raining, even if you are in an unheated shop. A covered area is best, but working outside will be OK you can pick the weather or erect a cover.

BEFORE YOU PAINT: Remove sanding dust with hose and a cotton cloth, the water should sheet off. Let dry and wipe down with Epifanes Fiberglass Prep Cleaner. Just before painting wipe lightly with a tack cloth. About 2 hours before you paint wet down the surrounding area and keep it wet. If you are in a dusty shop it helps to hang a new sheet of polyethylene plastic about 7' over the deck. Wear a new paper suit with a hood and elastic cuffs. Have a pair of tweezers handy to pick out bugs etc.

TAPING: Use Fine Line tape for a sharp no bleed line, double mask with low tack tape. Remove tape when the paint is tack free within 12 hours. When removing tape, pull away from the paint at a 45 degree angle.