



## J-24 Sailboat Gelcoat Repairs

Repairs described below were performed in September 2003 on a J-24 Sailboat used on Cayuga Lake in Ithaca, NY. This J-24 is part of a “dry sailing” racing team. The racing team was very satisfied with the North Sea Resins product line since it allowed for rapid repairs that met their criteria of smooth and durable. Since there is no mixing, there is no concern about ratios of hardener typically associated with epoxies. Since the resin can be applied with Applicator Tabs, resin waste is minimized and post-sanding operations are greatly reduced. As a rapid repair solution using NSR’s high intensity Blue Light, the repairs can be completed in minutes from beginning to end.



- Wet or Dry
- Resin Cures in 30 seconds with NSR Light

Picture 1: Keel trailing edge, port side. The resin was applied in layers with fiberglass mesh reinforcement to rebuild chipped area on the trailing edge of the keel.

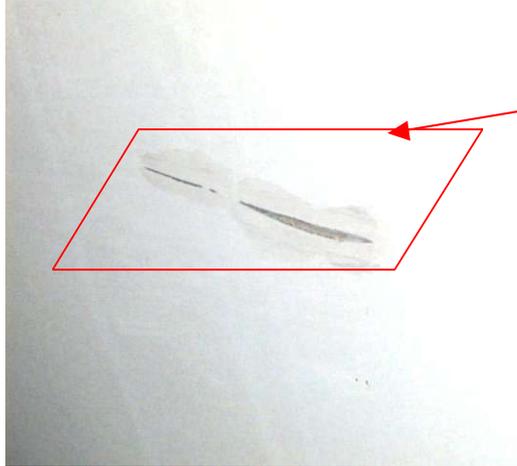


Picture 2. A large area on the underside of the sailboat had blistering in the gelcoat. The area was sanded and then a layer of NSR resin was applied. Edges were sanded to insure a smooth, protective layer adhered to the gelcoat. Area could be painted for cosmetic appeal. This customer opted to leave the surfaces unpainted since it is the bottom of the boat.



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Picture 3. Deep Gouge in the hull of the boat was repaired using the NSR Rapid Repair Kit.

The resin can be cleanly applied into the area using Applicator Tabs. The resin bonds well to itself so it can be layered for deep fill applications.



Picture 4. The Keel Stub developed cracks in the gelcoat protective layer. NSR resin was used to fill the cracks. Resin can be applied directly to the affected areas.

Since the resin can cure in as fast as 30 seconds, repairs can be done during a race or in the middle of commercial or recreational marine outings. The resin is ideal for the harsh environments associated with the marine market- the resin works on dry, wet or underwater surfaces. The resin works at 28°F as fast as it does at 104°F.