

RSI

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Repairing coatings-rust-holes in cooling tower sumps and tanks.

- When the cooling tower/tank can be shut down and drained the area to be repaired must be cleaned and dried thoroughly.
- If applying “**GREAT**” coating below, clean area with a wire brush, or mechanical device with a wire brush type attachment, to remove as much loose material and rust as possible.
- If applying the coating under “**BEST**” below, have area sandblasted by a qualified contractor to a minimum of SP-6 and preferably SP-10 standard.
- If there are holes present, repair using fiberglass repair material available at several sources, including boat repair and auto body supply shops.
- Both products can be applied to bare metal.

“**GREAT**”: When temperature is preferably at 50 degrees or higher and the humidity is below 85% (lower temperature and higher humidity will cause longer drying time) use a quality brush or ¾” nap roller to apply DRYLOK to repaired areas or entire sump. This is available at several sources including Lowes for \$8/quart or \$24/gallon. Second coat can be applied after first coat is dry, typically around three hours. DRYLOK can be applied over previous coatings. DRYLOK comes white. If you are patching areas and want to match an existing sump color, DRYLOK can be tinted by Lowes using Universal Tinting Colors. Take a flake/sample of color. Use 25% of colorant recommended. Use a maximum of 2 ounces of colorant per gallon. For optimum results, the manufacturer recommends allowing drying for up to one week prior to filling with water. We have seen towers filled after 24 hours of dry time and the coating has held up great for over three years. **DURABLE WHITE COATING, SLIGHTLY GRITTY, VERY HARD TO SCRAPE OFF.**

“**BEST**”: DEVOE Coatings makes DEVTAR 5A, a 2 part epoxy specifically for cooling tower sumps and non-potable tanks. It can also be used on tube sheets and end bells of chillers. Available from any www.devoecoatings.com dealer for about \$25/gallon. This comes in a (2) one gallon kit or a (2) five gallon kit. While manufacturer recommends having a professional spray, this product can be applied with a brush or roller, but the manufacturer recommends always having the surface professionally sandblasted for proper adhesion. This product will not adhere unless the surface is brought to an SP-6 or preferably SP-10 standard. **VERY DURABLE SMOOTH BLACK FINISH WHICH WILL OUTLAST TOWER.**

Follow manufacturer’s instructions. Both products work best with 2 coats.