

Get the Most Out of Your Repairs

If you use any material, including FRP, to store corrosive substances, those structures will eventually need maintenance and repair work. Unfortunately, it won't always happen on a convenient timetable for your business. The best course of action? Be proactive, prepared and informed.

Knowing what to look for allows you to keep an eye on potential problems, which means you can react quickly and call an experienced contractor to fix problems as soon as possible, especially if anything has changed since your last visual inspection.



Your Repair Checklist

- Visually inspect your structure and identify anything out of the ordinary. Are any of these signs present?
 - Extensive cracking or crazing
 - Cracks around flanges and metal supports/hangers
 - Buildup of crystals
 - Discoloration
 - Excessive wear on flanges
 - Blistering on pipes or tanks surfaces
 - Joints or elbows that are discolored or cracked
- Compile any other information you can provide to a repair technician. The more info they have on hand, the better the work they can do.
 - Specify the appropriate resins or reinforcements your structure needs to be operational
 - The chemical composition and concentration of contents
 - Operating temperatures and regular fluctuations
 - If any traces of minerals or salts tend to accumulate inside
 - The structure's age and construction (including types of resins and reinforcement material used)
 - Dates and details of previous repairs



What Your Repair Technician Will Check

- ❑ The structure's external conditions.
 - ❑ Barcol hardness (a measure of penetration resistance and resin cure) at varying liquid levels or zones of the structure
 - ❑ Environmental conditions (whether indoors or out)
 - ❑ Hardware condition
 - ❑ Foundation and vent condition
 - ❑ Surface damage (Fiber bloom, cracks, crazing, blisters, delamination, leaks, etc.)
 - ❑ Paint or gel resin presence and condition
 - ❑ Structural attachments (manways, nozzles, etc.)
- ❑ The structure's internal conditions.
 - ❑ Surface appearance
 - ❑ Presence and condition of surfacing veil
 - ❑ Barcol hardness at varying levels
 - ❑ Surface damage
 - ❑ Nozzle and joint overlay condition
 - ❑ Evidence of chemical attack

FRP structures are reliable and low-maintenance, but maintenance will keep them in peak operating condition. Catastrophic failures can happen, but you can avoid them by identifying potential problems. Perform your inspections at least annually and ensure everyone at your facility understands how a functional corrosion barrier is supposed to look. This makes it easier to notice problems or damage.

Creative Composites Group has a full variety of field services as well as the personnel and equipment required to complete FRP field service and repair projects on or ahead of schedule, under budget, and within the highest quality standards.

Contact us today for your repair needs!



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