

CASE STUDY

EQUIPMENT: Cooling Tower

PROBLEM: Basin leaks

BACKGROUND:

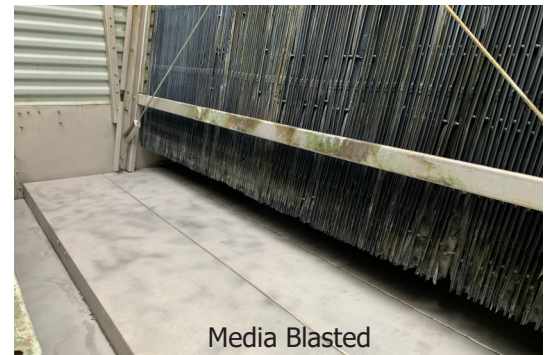
The basin of the cooling tower developed various leaks from failures at the joints. This is a common issue in units that have been in operation for 10+ years. The facility owner did not have the budget to replace the cooling tower and was looking for an alternative solution.

SOLUTION:

We offered a specialized liner application that is reliable, and permanent. Our application process involves media blasting the stainless steel basin to remove the oxidation, rust, and old caulking. The liner is then sprayed in place to form a new basin. Rhino 11-50 liner was selected for this application. The liner has a high resistance to chemicals, and can shift with the contraction and expansion of the pan. Our application cures within minutes minimizing downtime.

RESULTS:

The project was completed within two days over the weekend when the building required a lesser cooling load. The downtime did not affect the facility. Our solution created a durable, flexible cooling tower pan that provides a permanent solution for the facility. To date, there have been no report of leaks or degradation in the areas protected by our application.



Contact Advancoat, LLC at sales@advancoat.com