

ENECON Continues to Assist with the Repair of this 27 Year Old Seattle Cooling Towers

A large data center based in downtown Seattle, WA required a solution to extend the life of their twenty-seven-year-old cooling towers, which were original to the building.

Due to their roof top location and potential cost, replacement was not a practical option. **After successfully protecting this cooling tower's support beams two years prior (ES-053),** ENECON was tasked to work with a local contractor to fully refurbish the cooling towers to optimum operating condition.

The towers were first stripped of all equipment, fill, etc. to provide access for the ENECON Turnkey Application Team to adequately prepare all the interior metal, address holes and preserve the substrate.

Once surface preparation was complete, all holes were repaired with

METALCLAD DurAlloy. Two coats of *CHEMCLAD SC* were then applied to the internal structure of the cooling towers to provide long-term protection and extend the service life of these crucial pieces of equipment.

Once the interior was complete, critical areas of the exterior were coated with *ENESEAL CR* to provide corrosion protection to the outside of these units from the elements.

Once again, the building's management was thrilled with the results.



Corroded Steel Cooling Tower Support Beams Are Protected With ENESEAL CR

A downtown Seattle office building has these large cooling towers on top of galvanized support beams. The beams were corroding due to the environmental conditions in which cooling towers historically operate.

The support beams pictured had been painted with a "high-quality" marine paint just one year prior to this project taking place. The previously applied paint was already peeling off due to the prior coatings' inability to bond to the galvanized surface of the support beams.

The beams were first prepared by pressure washing and then hand grinding was used to remove any remaining paint and rust. Once the surface was properly prepared, two coats of ENESEAL CR, tinted to a

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