

South Florida Art Museum Uses METALCLAD, CHEMCLAD & ENESEAL To Protect Critical Cooling Tower Support Beams & Piping

Two rooftop cooling towers at a South Florida art museum were experiencing severe corrosion and erosion of their support beams and piping.

The museum knew they had to find a fast and cost-effective solution to this problem to avoid further damage to the equipment or potential damage to the cooling system. The priceless art pieces in the building below must stay in a temperature-controlled environment. The local ENECON Field Engineering Specialist was contacted for a solution.

ENECON's approach was comprehensive. All surface preparation was done manually with angle grinders, and *ENESEAL RC* was applied to heavily corroded areas to halt the rust. Any steel showing signs of erosion was repaired with *DurAlloy*, then sanded to meet the existing profile. To protect against chemically laden mist, two coats of *CHEMCLAD GP* were applied in at-risk areas.

Finally, the entire area was coated with two coats of *ENESEAL CR* (three coats in the most affected areas). Specific pipes were insulated with aluminum casings, and two final topcoats of *ENESEAL HR* were applied in those areas to provide heat refraction.



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