

Union Ice Arena, Union, NJ

The Challenge: The Union Ice Arena's 60,000 square foot roof coating system was failing and there was evidence of rusting on the metal substrate. The owner wanted a coating system that could be applied over the failed existing system and would provide a long-lasting, flexible, rust inhibiting, and solar-reflective waterproofing system.



The Solution: The ECI Encasement System was chosen. ECI first power washed the roof, with ECI's biodegradable cleaner, which removed all dirt and mold from the roof surface. All areas of exposed rust were then wire brushed and spot primed with the F-50MS. ECI then applied its encasement system consisting of one coat of the FiberTech F-50MS Rust Inhibiting Stabilizer Primer and two coats of the FiberTech F-51 Sealer Coat. This system provided the owner with rust protection and a waterproof jacket on the roof surface. ECI was able to provide the owner a ten year warranty for this application.

