

This brewery needed a solution for the multitude of failures on its metal roof. The galvanized metal was wearing down, the roof was absorbing massive heat from the sun which was negatively affecting the building's cooling costs.

The fasteners were backed out, the neoprene washers had deteriorated, gutter liners were peeling and ice-damming had worn-away at all of the joint and termination caulking. They had tried to solve the leaks by hiring numerous reputable roofers, yet year after year the roof continued to spill water into their brewery.



51% cost savings over a re-roof application



24-37% rate reduction in cooling costs



4760 linear feet of seams, joints and laps mended



15,000+ screws and washers replaced



0 hours lost to shutdowns or operations delays



\$15,000.00 under cost

Weatherskin first had to be able to easily access the roof. It is always helpful to be friends with a scaffold company because within 24 hours the site access was set-up and material was delivered to the site.



45+ days in times savings vs. other application



15+ years added to the lifespan of roof



First our experienced team inspected every square inch of the roof, marking all the potential fail points with fluorescent tape so they wouldn't be missed during the first steps of application.



50+ leaks were stopped completely



250% tensile strength

After the roof had been prepped and sanded, the spray equipment was brought onsite and all problem areas, especially the seams, were sprayed black. This ensured these areas would not be missed and would get the extra layers of protection over the main body of the roof.



84% reflectivity of UV light and heat



5 additional roofs provided by client



The seams needed special care. After being re-caulked with polyurethane to bring them back to their original state, Weatherskin applied high tensile, extremely flexible fabric over-top of these areas, ensuring that as the roof expands and contracts no cracking would occur in the final coating on top of these troublesome areas.



100% fungi resistant



100% water-proof

The first coat of white Weatherskin coating was applied to tie the project together. At this time, the gutters were re-lined and other terminations were incorporated into the roof with polyurethane and fabric. As usual, special attention was given to the vertical walls, caps, h-vac units, terminations and vents. Ponding often occurs against these obstructions as they block the flow of water and can create massive ice and snow build-ups.



146 freeze/thaw cycles annually



0 seams/voids



As the project came to a close, the roof looked brand-new at a fraction of the cost of doing a full replacement. The white blanket makes it extremely easy to re-service the roof. Any future deficiencies can be spotted from far away and only take minutes to repair versus days of trying to trace a problem leak back to the source.



0 toxic emissions



0 landfill waste

Weatherskin was contracted to seal EVERY other roof this client had available because of our dedication to solving their problems. The Weatherskin team demonstrates care and integrity by visiting and inspecting the roof on an annual basis. The clients are now saving money on cooling the facility and have been able to put their focus away from the roof and back into brewing the best beer in North America.



5 year ongoing service warranty
with annual report

