



## Advocate Lutheran General Hospital Plaza renovation proves Tremco more than just roof experts

Park Ridge, IL

**Sensitive area has significant foot traffic.**

Olson Plaza, part of Advocate Lutheran General Hospital, had started to deteriorate. Hospital administrators planned to remodel the radiation vaults below the plaza, and knew they needed to permanently stop the chronic leakage into the vault space. The leaks resulted from a failing Inverted Roof Membrane Assembly on the plaza's structural deck.

The hospital asked Tremco and its service division, Weatherproofing Technologies, Inc. (WTI) to solve their problem through a design-build process. After a structural analysis, the WTI team applied a waterproofing membrane to the structural deck. They followed this with a concrete topping slab and a colored, stamped slate concrete finish. While there were many possible solutions to choose from, the WTI team selected a THERMastic® Built-Up Roofing system as the most appropriate. Its use of hot-melt adhesive and multiple plies provided a system that is puncture resistant, flexible, durable and watertight.

The overall damage extended beyond the membrane, however. The team had to rebuild Olson Plaza's perimeter walls, parapets and surrounding walkways, and install new lighting. The approximately 4,000 square foot project was completed in September, 2003, before the remodeled space below was re-opened. There were no disruptions to daily activity while WTI was working on the plaza, and the plaza has been leak-free ever since despite Chicago's often harsh weather.

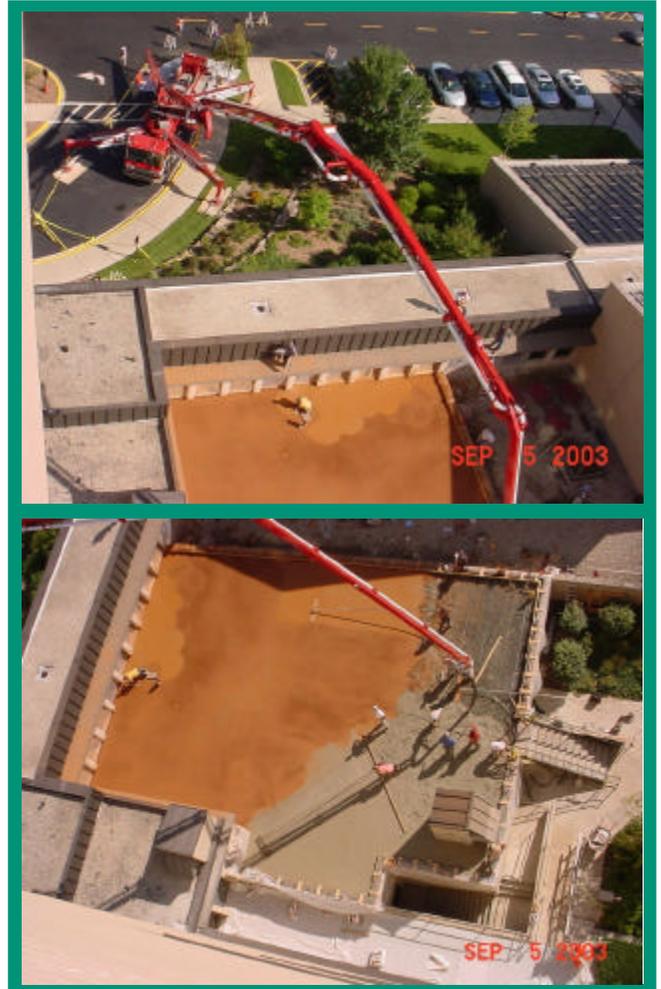
A 10 year QA warranty will continue to keep the plaza waterproof and in peak condition.

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PROJECT PROFILE

