PROBLEM:
The Lakeshore Landing Apartment buildings were experiencing significant issues due to water damage. Concrete plaza decks, planter boxes and residential decks were rapidly deteriorating and needed to be protected from repeated water exposure. This project required a fast turnaround to minimize any downtime and inconvenience to apartment residents. In addition, the coating solution needed to have sufficient elongation characteristics to move with the expanding and contracting concrete substrate during hot/cold weather cycles. The below freezing weather conditions presented additional challenges for meeting objectives.

SOLUTION:
Several other products were considered for this project, but were not selected due to their long cure time and lower elongation properties (epoxies, hybrid coatings, etc.). The project owner chose SPI’s Polyshield HT™ 101, a fast-set, pure polyurea coating solution because of its rapid curing and high elongation characteristics.

RESULTS:
Lakeshore Landing Apartments now have a protective, waterproof liner, extending the service life of the decks and planter boxes. The project owner was pleased to have a reliable solution in place that will reduce ongoing maintenance costs.