

**Client:** Toronto Transit Commission, Toronto, Ontario

**Topic:** Active water leak into elevator pit

**Situation**

Our client was:

- ∴ Toronto Transit Commission was experiencing a water leak into the newly constructed elevator pit of the North York Station, one of TTC's busiest stops.

**Challenges**

The challenges facing us were in:

- ∴ Active water leak inside the elevator pit.
- ∴ The Toronto Transit Commission requires union workers to complete maintenance and construction work, so Kelso Coatings trained and certified the union crew to prepare the surface and apply the CN2000® products.
- ∴ Kelso Coatings oversaw the application and ensured quality standards.

**Actions**

The actions we took to address these challenges were:

- ∴ CN2000A® was applied to stop the active water flow.
- ∴ Two coats of CN2000B® were applied on the entire wall and floor area of the elevator pit to provide the bonding and self-healing capabilities through its eka-molecular sieve structure.
- ∴ Once cured, the CN2000B® coating cannot be punctured so new concrete slabs can be poured directly on top of the CN2000B®. No protection board is required.



**Results**

Our actions resulted in:

- ∴ The elevator pit is no longer leaking and Toronto Transit Commission union workers are trained and certified in the application of CN2000® products.

For additional information, or to discuss your requirements, please contact:

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