

kelso coatings



Client

Fire and Emergency Services Training Institute

Location

Toronto, Ontario

Project type

Repairing & Waterproofing

Fire and Emergency Services Training Institute

Active water leak into elevator pit

PROBLEM

Fire and Emergency Services Training Institute which attracts firefighters from around the globe as a centre of training excellence for fire and emergency services was experiencing leaking through the foundation walls into the elevator pit, especially during heavy rain or after the winter season.

The challenges facing us were:

- Cold joint showed visible signs of water infiltration.
- Many flanges, mechanical hydraulics and rails secured to the concrete slab of the elevator pit.

PROCESS & HIGHLIGHTS

- Kelso Coating's certified applicators u-grooved along the cold joint approximately – 1" in depth in order to pack the CN2000B® material into the groove.
- Two coats of CN2000B® were applied on the exterior walls and floor slab of the elevator pit.
- After the application of CN2000B®, a single coat of CN2000C® and CN2000D® were applied to maintain the hydration required for the CN2000B® to cure according to specifications.

SOLUTION

The elevator pit is no longer leaking through the foundation walls and the Training Institute is back to safe standards.

