

# kelso coatings



## Client

Oxford Properties

## Location

Toronto, Ontario

## Project type

Concrete repair & Waterproofing

## Oxford Properties

### Major leaking in pedestrian tunnel

#### PROBLEM

Oxford Properties was experiencing major leaking in the pedestrian tunnel walls and ceiling connecting two multi-residential buildings which resulted in closure of the tunnel for safety reasons.

The challenges facing us were:

- Tunnel was unsafe because of water pooling on the floor.
- Paint, loose concrete and all contaminants had to be removed from the interior walls and ceiling of the tunnel.
- Voids were discovered in the foundation walls.

## PROCESS & HIGHLIGHTS

- After the surfaces were prepared, a CN2000® mortar (a mix of CN2000B® and sand) was used to fill the voids in the foundation walls.
- Two coats of CN2000B® were applied on the interior walls and ceiling of the tunnel to repair the cracks.
- 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 tunnel is now back in full operation for tenants and visitors.

