



## **2000 & 2010 Islington Ave, Toronto Window Evaluations**

*MTCC 570 & YCC 531*



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These are two twin 26-storey condominium towers built by Tridel in 1979 & 1981. The cladding consists of brick masonry walls, aluminum framed strip windows and balcony sliding doors. The windows and sliding doors were manufactured by Alumiprime.

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As part of the evaluation Synergy:

- Benchmarked original glazing system construction against other typical and state-of-the-art applications during the original installation period;
- Performed a vertical mullion deflection analysis to check the adequacy of the window systems to resist design wind loads;
- Generated a trial repair scope of work to improve air and water leakage resistance and operation and reviewed/tested trial repair mock-ups;
- Prepared a design brief & preliminary budgets for glazing system replacement; and
- Performed energy modeling to estimate potential energy savings with glazing system repairs or replacement.