



## Case History #103

North America's premier  
waterproof vinyl flooring  
systems. Since 1974.

### Project:

Avoca Apartments  
20 Avoca Avenue  
Toronto, Ontario M4T 2B8

### Date:

Spring 1992



### Problem:

Two, twenty-storey apartment buildings were experiencing serious leakage problems on balconies due to cracked concrete. The artificial turf on most of the balconies trapped moisture and contributed to delamination of the sloped concrete topping. Not only was water entering the suites, but further serious damage due to the freeze-thaw cycle would inevitably require major reconstruction work if the areas were not completely waterproofed.

### Duradek Solution:

**DURADEK SUPREME** (25 mil) Taupe. To determine the costs and problems for this project, a test phase of 20 balconies (between 200-550 sq. ft. ea.) was completed in year one. All the glued-down carpet was removed and disposed of. Many of the balconies had delaminated concrete which was broken up with kango guns and removed at the rate of 14 cu. yds. per day. Often working on a swing stage from outside the building, new drain holes were drilled through the concrete walls. The surface was trowelled with an acrylic modified topping mix to provide a smooth finish to accept the vinyl. After the **Duradek** was glued down, the perimeters were secured with "L" trim, used as a gum stop, and sealed with urethane.



### Applicating Contractor:

**Jim Simpson**

Duradek of Ontario  
530 Coronation Drive, Unit 3  
Scarborough, ON M1E 5C8  
(416) 284-2112

### Job Contact:

Judith Milne—Manager  
(416) 946-7133

### Job Notes:

The successful completion of Phase I led to Phases II and III. A total of over 120,000 sq. ft.—this was one of the largest **Duradek** jobs ever.

**For more information about the complete Duradek product line call (604) 591-5594 or fax (604) 591-3100**