



At the Lab. In the Field.
By Your Side.

PARKING DECK RAFT SLAB

PACIFIC PLAZA SHOPPING CENTER, RICHMOND, CANADA



CONCRETE
WATERPROOFING

page 1 of 1

QUESTIONS: 1-800-267-8280 or www.kryton.com

BACKGROUND

A 35,000 ft² parking deck raft slab required waterproofing and corrosion resistance. The raft slab was on grade but the property is situated below sea level. Engineers were concerned about wicking water and subsequent corrosion of reinforcing steel. As well there were virtually no joints or construction breaks to alleviate stress and cracking.

SOLUTION

The slab was poured on December 30, 1997, in cold winter conditions. Drying shrinkage cracking was substantially reduced and to date KIM™ provides the waterproofing and corrosion control that is required for long-term durability.

LOCATION

8888 Odlin Rd. Richmond, BC, Canada

OWNER

Ernest & Twin Development

CONTRACTOR

Ventana Construction, John Polglase
Ready Mix Supplier: Central Ready Mix Ltd.
Concrete Finisher: Gastaldo Concrete

ARCHITECT

James Hancock Architects

ENGINEER

Architect: Gomberoff Polizer Bell
Structural Engineer: Glotman Simpson
Materials Engineer: Gordon Spratt & Assoc.
Testing: HBT AGRA Earth & Environmental Ltd.



KIM™ used in enormous slabs below sea level.

Winter conditions did not affect the performance of the KIM™ system



PROJECT CASE STUDY

The Kryton Group of Companies.

1645 East Kent Avenue, Vancouver, BC Canada V5P 2S8 Tel.: 1-604-324-8280 Toll Free: 1-800-267-8280 Fax: 1-604-324-8899 E-mail: info@kryton.com Web: www.kryton.com