

Trump International Hotel & Tower Toronto

Toronto, Canada (2012)

BACKGROUND

The new Trump Tower International Hotel and Tower in Toronto is the first Trump property in Canada and is poised to become the most luxurious residential building in the country. The 65-story tower features hotel rooms, residential suites, fine dining, a spa and wellness center, meeting and event space and high-end services and furnishings in line with the Trump name.

At over 275 meters (900 feet) above the city, the building faces major wind sway. To counterbalance the sway, large water tanks at the top of the building were specified; as the building sways, water transfers between the two tanks to counteract the force. It was crucial these two water tanks sitting atop 65 floors of high-end real estate, luxury dining and amenities were completely watertight; leaks into multi-million dollar apartments could not be tolerated.

SOLUTION

CBM Ready-Mix Concrete presented Lewis Builders with Kryton's Krystol Internal Membrane (KIM) concrete waterproofing admixture as a permanent waterproofing solution for the roof-top water tanks. Lewis Builders selected Kryton's KIM for its self-sealing features, 25-year warranty and time savings to their schedule. They felt that using a traditional waterproofing membrane would have added two weeks to their schedule and they weren't confident that the traditional method would last the life of the concrete.

KIM was added to the concrete mix to waterproof the water tanks and also the indoor infinity salt water pool and whirlpool located on the 32nd floor. The pool and whirlpool are located above the luxury STOCK Restaurant and Lounge so a leak-free solution was absolutely critical.

Kryton's Krystol Waterstop System was also used to waterproof the joints and tie-holes in the swimming pool and roof-top water tanks.

DEVELOPER:

Talon International Development Inc.

DEVELOPER:

The Trump Organization

ARCHITECT:

Zeidler Partnership Architects

CONTRACTOR:

Lewis Builders

READY-MIXER:

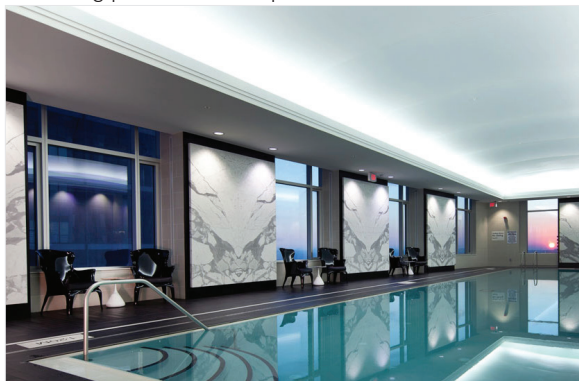
CBM Ready-Mix Concrete

DISTRIBUTOR:

Form & Build Supply Inc.

PRODUCTS:

Learn more at kryton.com
 Krystol Internal Membrane™ (KIM®)
 Krystol® Waterstop System



The pool and whirlpool area on the 32nd floor.



The completed Trump Tower in the heart of downtown Toronto.