

Waterlink at Pier 27 plunge pool and swim spa – Toronto, ON, Canada

Project overview

A complete system of MAPEI products was used to make concrete repairs to a plunge pool in an upscale condo newly erected on the south shore of Toronto. Waterproofing, tile-setting and grouting products for the plunge pool, swim spa, deck and changing rooms were also part of the system.



Project information

Project category:	Sports Facility – Pools
Period of construction:	2015
Year of MAPEI involvement:	2015
MAPEI coordinator:	Gaspare Clemenzi and Jason Zeppieri
Project owner:	Fernbrook Homes/Cityzen Developments
MAPEI distributor:	Durox
Architect:	architectsAlliance
General contractor:	Dominus Construction Group
Surface-preparation contractor:	Italian Ceramic Marble and Granite, subcontractor to A V Classic Tile Contractors
Tile and stone installer:	Italian Ceramic Marble and Granite
Concrete-restoration contractor:	Italian Ceramic Marble and Granite
Project manager:	Robert Virgilio – A V Classic Tile Contractors
Photographer:	Gaspare Clemenzi
Project size:	8,000 square feet (743 m ²)



MAPEI products used

- Mapecem® 202
- Planitop® 23
- Topcem™ Premix
- Planicrete® AC
- Mapelastic® AquaDefense
- Kerabond/Keralastic™ System
- Ultraflex™ LFT™
- Granirapid® System
- Ultracolor® Plus
- Kerapoxy®

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Award-winning plunge pool highlights MAPEI products in use at Toronto condos

A unique landmark, Waterlink at Pier 27 condominiums is located on the Toronto shoreline at the foot of Yonge Street. The striking Skybridge spans from one tower to the other; each tower houses Waterlink at Pier 27's suites and amenities.

In December 2015, Phase 1 and Phase 2 of Waterlink at Pier 27 were honored by the Canadian National Pool and Spa Association at its 35th annual Canadian Pool and Spa Conference and Expo in Niagara. Two of Waterlink at Pier 27's indoor pools took home the following Silver Awards at the ceremony: Best Special Use Pool Across Canada (for the plunge pool) and Best Public Swim Spa.

The swim spa is a small pool with a powerful jet that – somewhat like an aqua trainer – creates a current that you can swim against. The swim spa is done in a high-end concrete and is fully tiled. The plunge pool is more for residents to relax in, and features custom stainless-steel jet nozzles and LED lighting.

MAPEI products on the jobsite

The plunge pool required some extra special treatment by Italian Ceramic Marble and Granite (ICMG), the subcontractor to A V Classic Tile Contractors. When the shell of the pool was originally poured, the heights of the concrete pour were incorrect and the walls of the pool were not true – the walls did not have the correct 90-degree angles. To meet the specifications for the pool, ICMG used MAPEI's **Mapecem 202** and **Topcem Premix** mortars mixed with **Planicrete AC** admixture to screed the floor, raising it to the proper height. Then, ICMG reconstructed each step with **Mapecem 202**, raising every tread on all four entrances to the pool. ICMG also used **Planitop 23**, a vertical repair mortar, to "true up" the walls of the pool.

Once the repairs were made, the ICMG crew waterproofed the plunge pool, the swim spa, the deck and the changing rooms with **Mapelastich AquaDefense** liquid waterproofing membrane. **Granirapid** (because a speedy set was necessary) and **Kerabond/Keralastic** mortar systems were used to install the sheets of mosaic tiles in the pool. These tiles were then grouted with **Kerapoxy** 100%-solids epoxy grout.

The ICMG crew installed tiles on the pool deck and large-format tiles on the floors and walls of the changing rooms with **Ultraflex LFT** mortar, which the installers particularly liked because of its ease of troweling. The tile joints were grouted with efflorescence-free **Ultracolor Plus** grout.

A V Classic Tile Contractors and ICMG were proud of the end results of their work on the pool using MAPEI's concrete repair products and tile and stone installation systems.

