

TRUMP INTERNATIONAL HOTEL & TOWER IN TORONTO

Luxury finishes for a skyscraper playing host to apartments and a prestigious hotel



Above. Trump International Hotel & Tower outside picture.

On the left. The lobby.



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Located on the northwestern banks of Lake Ontario, Toronto is the financial centre of Canada, with picturesque historical districts, large parks, museums, art galleries, theatres, restaurants and bars. And it is here that the Trump International Hotel and Tower has been constructed, a brand new skyscraper hosting both a hotel and residential units.

The tower is in the financial district of the city and is the second tallest skyscraper in Canada. From the lofty heights of its 65 floors stretching to a height of 276 m, there are panoramic views of the whole city and of Lake Ontario. With its magnificent dome spire, the tower is an homage to the designers of the more classic skyscrapers of Manhattan. The building has façades covered with steel and slabs of stone and sheets of glass, and includes 118 apartments and a luxury hotel with 261 rooms, a Presidential Suite, a restaurant and a spa with a swimming pool. The flooring in the skylobby is in decorative granite, while an enormous antique Italian mirror has been mounted on the ceiling. The interiors are decorated with prestigious finishes and all the areas are characterised by the colours cream and black, with semi-precious stone panels and mosaics made from porcelain, glass, stone and gold chips.

Photo 1. The surfaces were smoothed with NOVOPLAN 2 self-leveling underlayment.

Photo 2. The floor in the lobby was made from slabs of granite in various colours installed using the KERABOND+KERALASTIC system and KERACOLOR U.

Photo 3. In the communal areas, the tiles were installed with ULTRAFLEX 2.

Photo 4. The bathrooms were waterproofed with MAPELASTIC AQUADEFENSE, and the marble slabs were installed with ULTRAFLEX LFT.

Speedy Installation to Perfection

To make approximately 55,700 m² of substrates perfectly flat before installing the coverings chosen for the project, they were initially treated with PRIMER L solvent-free acrylic primer and then smoothed with NOVOPLAN 2 self-leveling underlayment.

Where necessary, cracks in small areas of the surface were repaired with MAPECHEM QUICKPATCH (all three products are distributed on the Canadian market by Mapei Inc.). In all the suites, wooden floors were installed (more than 27,800 m² of surfaces). For the brushed-oak wooden floors with an antique finish, the adhesive recommended for installation was ULTRABOND ECO 975 (also distributed on the Canadian market by Mapei

IN THE SPOTLIGHT

ULTRABOND ECO 185

It is a very low VOC (volatile organic compound) adhesive in water dispersion with high initial tack for textile floor and wall coverings. It is used for installations of tufted and woven carpet, needlepunch and felt-backed vinyl on all normal absorbent and moisture stable substrates used in construction. ULTRABOND ECO 185 is a solvent free synthetic polymer-based adhesive, for application in a single coat, not inflammable. ULTRABOND ECO 185 is suitable in areas with heavy foot.

It can contribute up to **4 points** to obtain the **LEED** certification.

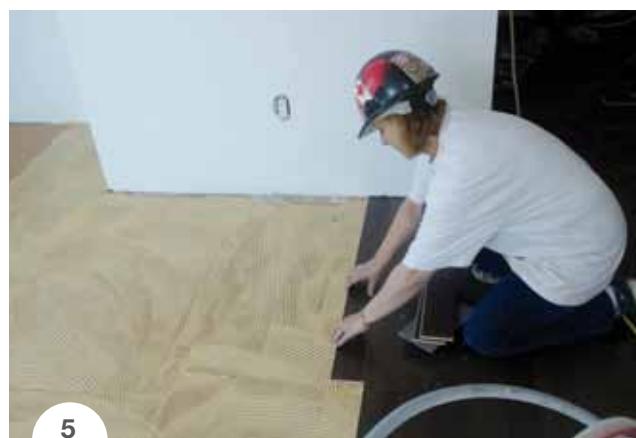


PROJECTS

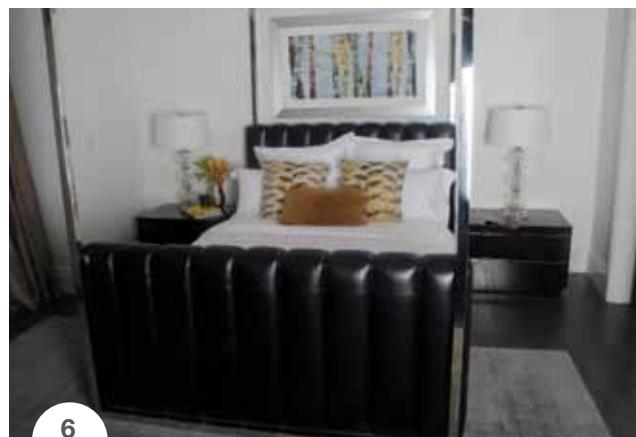
Photo 5. The oak wooden floor was bonded with ULTRABOND ECO 975.

Photo 6. A view of the suite.

Photo 7. Carpet was installed in the corridors and reception halls with ULTRABOND ECO 185.



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Inc.). On the floors in the corridors, reception halls and lobbies, carpet was installed using ULTRABOND ECO 185, a rapid-hold, synthetic polymer-based adhesive in water dispersion with very low emission of volatile organic compounds (VOC), ideal for installing textile flooring and coverings.

The company contracted to install the tiles in various materials also asked for the assistance of Mapei Technical Services. The bathrooms and showers in the rooms (for a total area of around 7,430 m²) were waterproofed with MAPELASTIC AQUADEFENSE, a ready-to-use, rapid-drying, elastic liquid membrane. Then, to bond the marble slabs on the floors and walls, ULTRAFLEX LFT adhesive was used. To grout the joints, KERACOLOR U was recommended (two products distributed on the Canadian market by Mapei Inc.). In all the communal areas (around 26,000 m²), except the lobby, large tiles measuring 30x60 cm were installed using white ULTRAFLEX 2 adhesive. In this case, too, the joints were grouted with KERACOLOR U. The special flooring in the lobby area and the adjoining bar was made from slabs of granite in various colours that had been cut to shape by laser to create a highly-decorative pattern. To install the granite, KERABOND+KERALASTIC (acrylic resin-based latex known as ISOLASTIC in the rest of the world) was used, along with KERACOLOR U.

TECHNICAL DATA

Trump International Hotel & Tower,
Toronto, Ontario (Canada)

Period of Construction: 2010-2012

Period of the Intervention: 2012

Intervention by Mapei: supplying products for smoothing of substrates and for installing carpets, wooden floors, granite and marble

Designers: building: Ziedler Partnership Architect; **hotel:** II BUY IV Design Associates

Client: Trump International Hotels

Works Director: Glen Pestrin

Contractor: Lewis Builds Corporation

Installation Companies: wooden

and textile floors: Broadway Hardwood

Flooring; **substrates:** Ground Floor

Industries; **stones:** York Marble

Laid Materials: granite, marble, wood and carpet

Mapei Distributor: Durox Floor Accessories

Mapei Co-ordinators: Gaspare Clemenzi and Bill Loveys, Mapei Inc.

MAPEI PRODUCTS

Smoothing of substrates: Mapecem Quickpatch*, Novoplan 2*, Primer L*,

waterproofing: Mapelastic Aquadefense; **laying tiles:** Ultraflex 2*,

Ultraflex LFT*, Kerabond, Keralastic, Keracolor U*; **installing wooden floors:** Ultrabond

Eco 975*, **installing carpet:** Ultrabond Eco 185.

*Produced and distributed on the Canadian market by Mapei Inc.

For further information see the websites www.mapei.com and www.mapei.com/CA-EN/