

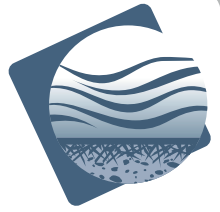


At the Lab. In the Field.
By Your Side.

AMAIN BOUTIQUE HOTEL

Tucheng, Taiwan

March 2007



CONCRETE
WATERPROOFING

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QUESTIONS: 604-324-8280 or www.kryton.com

BACKGROUND

The newly-constructed Amain Boutique Hotel in Tucheng City, Taipei consists of 71 rooms on 5 floors on a foundation of 1700m² (18,299ft²). The specifiers planned to waterproof the above-grade structure after all the concrete had cured.

The Amain Boutique Hotel contains numerous wet areas including ponds, hot tubs and pools. These areas, along with all bathroom areas needed to be waterproofed using an aesthetic and simple solution that could easily be applied to the surface while providing long-term waterproofing, thus minimizing repair and maintenance costs.



Krystol T1™ and T2™ applied to surfaces of an outdoor pool.

SOLUTION

Kryton International's Taiwan distributor, Poplar Co., Ltd. suggested using Kryton's Krystol surface treatment system to waterproof all 3000m² (32,292ft²) of bathroom surfaces. After comparing several different surface-applied waterproofing systems, the Krystol surface treatment system was chosen because of the long-term benefits it provides. Not only do the waterproofing properties increase over time, they are also unaffected by surface wear and abrasions to the concrete. This translated into reduced maintenance and repair costs. Krystol Bari-Cote™, a fast-setting waterproof grout, was also used for all pipe penetrations.

These products use Krystol®, a proprietary integral crystalline technology that reacts chemically with concrete to form millions



PROJECT CASESTUDY

The Kryton Group of Companies.

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of needle-like hydration crystals. The crystals grow deep into the capillary pores of concrete to block the passage of water permanently. Subsequent re-wetting of the surface will trigger the crystallization process, causing additional crystals to grow into the concrete.

LOCATION

Tucheng City, Taipei Hsien, Taiwan

OWNER

Sanyo Tiles Group Company

APPLICATOR

Tai-Wei Construction Company

ARCHITECT

Chen Architects

CONTRACTOR

Poplar Co., Ltd.

DISTRIBUTOR

Poplar Co., Ltd.



Krytol's self-sealing properties prevents future leaking through hairline cracks.