

# The Mira Hotel - Podium Gardens

Hong Kong (S.A.R.), China -(2008)

## BACKGROUND

Established in Hong Kong in 1957, the Miramar Hotel and Investment Company has built a portfolio of stylish hotels and serviced apartments, luxurious property rentals, food and beverage, and travel services across China. Miramar's high standards and distinctive image was developed in the rejuvenation of The Mira Hotel. The \$65-million US venture created a new benchmark in the Hong Kong hospitality landscape.

Part of the transformation was the Podium Gardens, an exquisite landscape of gardens and fountains for travelers to bask in. The gardens were situated above the new deluxe rooms and the renovation period was very tight during a particularly rainy season in Hong Kong. Thus, a superior waterproofing solution was needed to ensure a watertight seal to protect the deluxe rooms below, as well as a product that could be applied on a damp substrate because of the wet conditions.

## SOLUTION

Miramar decided to use cement-sand screeding with Kryton's Krystol Internal Membrane™ (KIM®) to cover the 1,200 m<sup>2</sup> (12,917 sq/ft) of the podium gardens, as well as the Krystol Waterstop System™ for the joints between the new and old parapet wall. KIM screeding acts as a protective layer for the cementitious membrane, as well as an important barrier to prevent any penetration of water into the substrate. If not protected, the cementitious membrane would deteriorate quickly due to inevitable dry-wet cycle conditions. Traditional waterproofing material, such as PVC, sheet membrane, PU, etc., could not be applied on the damp surface since the construction was held during the rainy season. KIM not only provides an impenetrable barrier against water intrusion, but it can be applied directly on a damp substrate making it the ideal solution for this project.

The Mira Hotel's Podium Garden waterproofing restoration continues to operate in a watertight fashion, with no water seepage even during the heavy rains and typhoons of Hong Kong.

### OWNER/DEVELOPER:

Miramar Hotel and Investment Company Ltd.

### APPLICATOR:

GrowTech Ltd.

### DISTRIBUTOR:

GrowTech Ltd.

### PRODUCTS:

Learn more at [kryton.com](http://kryton.com)  
 Krystol Internal Membrane™ (KIM®)  
 Krystol Waterstop System™



*An aerial view into the Podium Gardens at The Mira Hotel*



*KIM® screeding prevented water intrusion into the substrate.*