



client The Fullerton Hotel industry Hotel & Retail location Shenton Way (Marina Boulevard), Singapore date 2010

TOTAL INSTALLATION AREA

3300 m² (Basement)

PROBLEMS WITH EXISTING COATING

Due to the building's proximity to the sea and the failure of the basement tanking system, the existing coating that was installed only 2 years ago, blistered and subsequently delaminated from the concrete substrate. The cause of coating failure was attributed primarily, to blistering due to ingress of ground moisture and hydrostatic pressure. In addition, the wrong type of coating system was recommended and poorly installed by the previous coating contractor.

POLYGARD SOLUTION OFFERED

Polygard™ V-Deck 2000W | 2mm water-borne epoxy self-leveling system with broadcast finish

Tests and analysis of the ground moisture were carried out in accordance to ASTM 1869-98.

Polygard™ V-Deck 2000W, a water-borne breathable epoxy self-levelling broadcast system was recommended and successfully installed by Polymer International. This system was recommended because it allowed the ground moisture to permeate through the coating and not get trapped under the coating, thus preventing blistering.

For added slip resistance, silica sand and aluminium oxide grits were incorporated onto the coating system.

To date, the coating is still intact and will continue to provide the customer with many years of continued service in the future.

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 For more information, contact **Polymer International** on tel (+65) 6749 3113, email sales@polymer-international.com or visit www.polymer-international.com.