

# LANGHAM HOTEL - Roof Top Swimming Pool Complex CBD, AUCKLAND

## PAVING SUPPORTS

### Product: VersiPave GP & Extenders

#### Problem

The long established Langham Hotel in Auckland was looking to upgrade their uneven and worn timber deck areas around an upper level / roof top swimming pool. Due to the roof top location, access was restricted and construction had to be quick and quiet as the hotel was required to stay open during the construction period.

#### Solution

As part of the Pool upgrade and addition of the Health Spa, the new pool surround stone paving area was required to be laid flat, and level with the edge of the swimming pool. Water drainage to the paved area was to be between the stone tiles onto a substrate that had the drainage falls built into it, allowing water runoff to simply drain away under the pavers. Offering heights of up to approx 100mm+, the **VersiPave** system was simply placed on top of the existing timber decking providing support for fitting the selected pavers to create a level walk out area.

**VersiPave** is a durable and lightweight pedestal support system, made from 100% recycled plastics, helping to make a better living environment for all; while providing a new practical use.

**VersiPave** was chosen as it allowed individual paver height adjustments while also countering any unevenness in the substrate below. This also creates even gaps between pavers for quick water run off for fast dry times to foot traffic.

**VersiPave** units weigh only 130g each and allowing for 4 units per sqm, the reduction in loads on the building structure is dramatically reduced when compared to conventional fill solutions. **VersiPave** also removes possible hydrostatic pressure on the waterproofing system reducing the likelihood for possible leaking deck areas and internal damage.

The speed and quality of the transformation of this area by Italian Stone Ltd and Teak Construction meant that hotel clients had minimal disturbance and loss of pool time, while achieving a first class finish, befitting of an International Hotel.

Client name:

ITALIAN STONE LTD

Product used:

VERSIPAVE GP, VERSIPAVE 10MM & 30MM EXTENDERS

Construction date:

DECEMBER 2008 - JANUARY 2009

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Initial Site

Date: Dec 2008



VersiPave Under Paver

Date: Jan 2009



Completed Pool

Date: Jan 2009

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