

VIACOR *case study*

>> object: **Brunsfeld Residence, Kuala Lumpur**



New benchmark at Brunsfeld Residence

In Malaysia's capital, Kuala Lumpur, Brunsfeld Residence was built in the belt of consulates and embassies nearby the Embassy of Switzerland, United States of America and the Singapore High Commission. Brunsfeld Residence is a prestigious condominium complex development by the prominent property developer Brunsfeld Development Holdings Sdn Bhd. The building comprises 6 five-storey blocks including 73 units, seven duplexes and 13 penthouses. A typical unit has a built-up area between 325sqm to 560sqm with a price tag starting from MYR 11 million while the penthouse carries a price tag starting from MYR 21 million.

Brunsfeld Residence boasts a car park of over 10,000 sqm. It is important to have an aesthetically impressive car park to project and enhance the prestigious image of Brunsfeld Residence to entice the prospective purchaser and investor.

Brunsfeld Development Holdings Sdn Bhd was searching, through a thorough tender process for the car park flooring with a tight schedule for completion as a key criteria to meet the launch date of Brunsfeld Residence. VIACOR's VIASOL**PERM DECK** was selected on the merits that it offers speedy process of installation and is water vapour permeable. This system was the ideal candidate due to the



Colourful car park



Precise colored areas

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To the execution the **VIASOL^{PERM}** was applied.

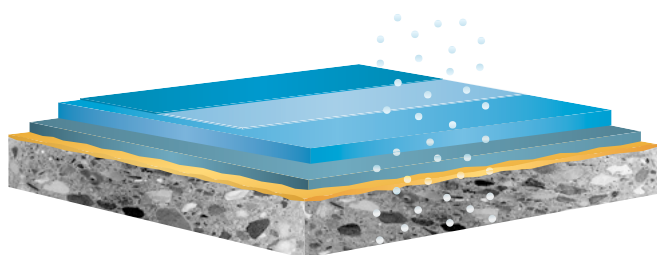
1. Prepare surface
2. Hot compressed air treatment + VIASOL EP-P285
3. Scratch coat - VIASOL EP-L380
4. Base coat - VIASOL EP-S680 + scatter
5. Seal coat - VIASOL PU-S650

tight deadline and its well proven capability for use on the ground level subject to high humidity and moisture conditions where traditional coating system would not perform.

A dedicated and skilful workforce was assigned to the project working around the clock to complete the installation. A new benchmark for an aesthetically impressive car park in the heart of Kuala Lumpur was set. Brunsfeld Development Sdn Bhd has commended on VIACOR's professionalism in the execution and completion ahead of schedule of the installation and very gratified with the result of its car park furnished with VIACOR's **VIASOL^{PERM} DECK** car park flooring system.

VIASOL^{PERM}

Ultramodern water-based coating systems solve numerous problems that, unfortunately, occur frequently: High moisture levels in the substrates make it impossible to use coatings which are impervious to water vapour. Also the question whether coatings can be applied to early age concrete arises frequently. In all of these cases, the **VIASOL^{PERM}** coatings allow the substrate to breathe. The result is a load-bearing and attractive floor.



Thickness: 2 – 4 mm

This system concept has a promising future and development work continues in our laboratories. There is a symbiosis between technical and cost advantages. The trend toward permeable coatings continues.

SYSTEM HIGHLIGHT

Water-vapour permeable epoxy advanced resin based coating system, low odour, low emission, hard-wearing, water-proof surface with good mechanical and chemical properties and a wide colour spectrum.

SYSTEM BENEFITS

- vapour diffusion-capable
- self-levelling, jointless
- hard-wearing, durable in the context of moderate loads
- good resistance to abrasion and chemicals
- surfaces ranging from smooth to non-skid
- hygienic, non-porous and liquid-tight
- complies with EU food industry regulations
- easy to clean
- resistant to backward moisture penetration
- available in a wide range of colours
- also serves as a fine porous moisture barrier layer below steam-tight coatings