

No. 22

The Rubik: Infinity IS Decking & Lifespan Beams

Cape Town, South Africa, May 2024

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PROJECT DETAILS

Project Name

The Rubik

Project Type

Mixed Use Commercial, Retail and Residential
Apartment Building

Description

Decking and Lifespan beams

Date of Installation

17 May 2024

Architect

DHK Group

Main Contractor

WBHO

Project Location

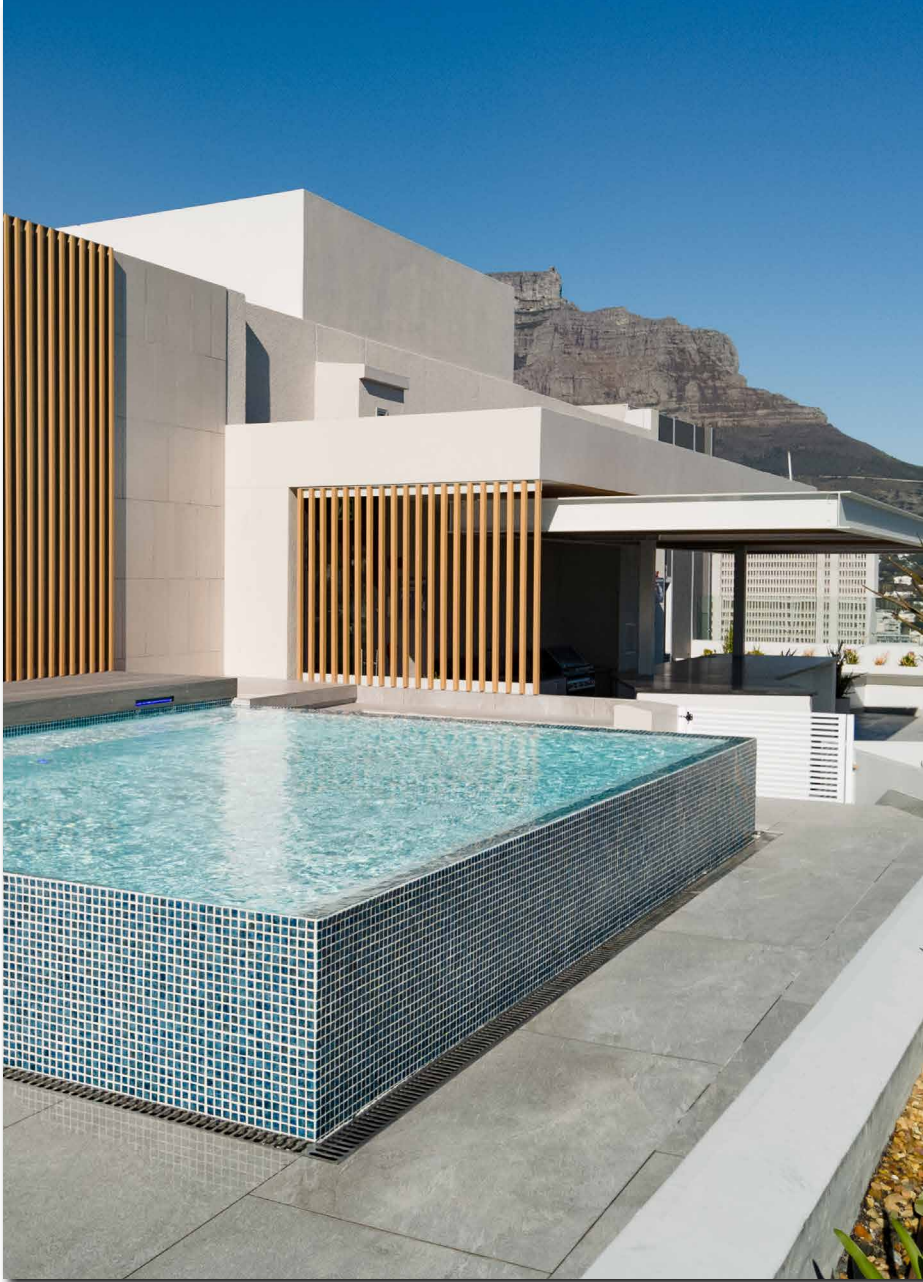
Cnr Loop & Van Riebeeck Street, Cape Town,
South Africa

Size

30sqm

Product Used

Infinity IS decking in Caribbean Coral & Lifespan
architectural beams in Savanna

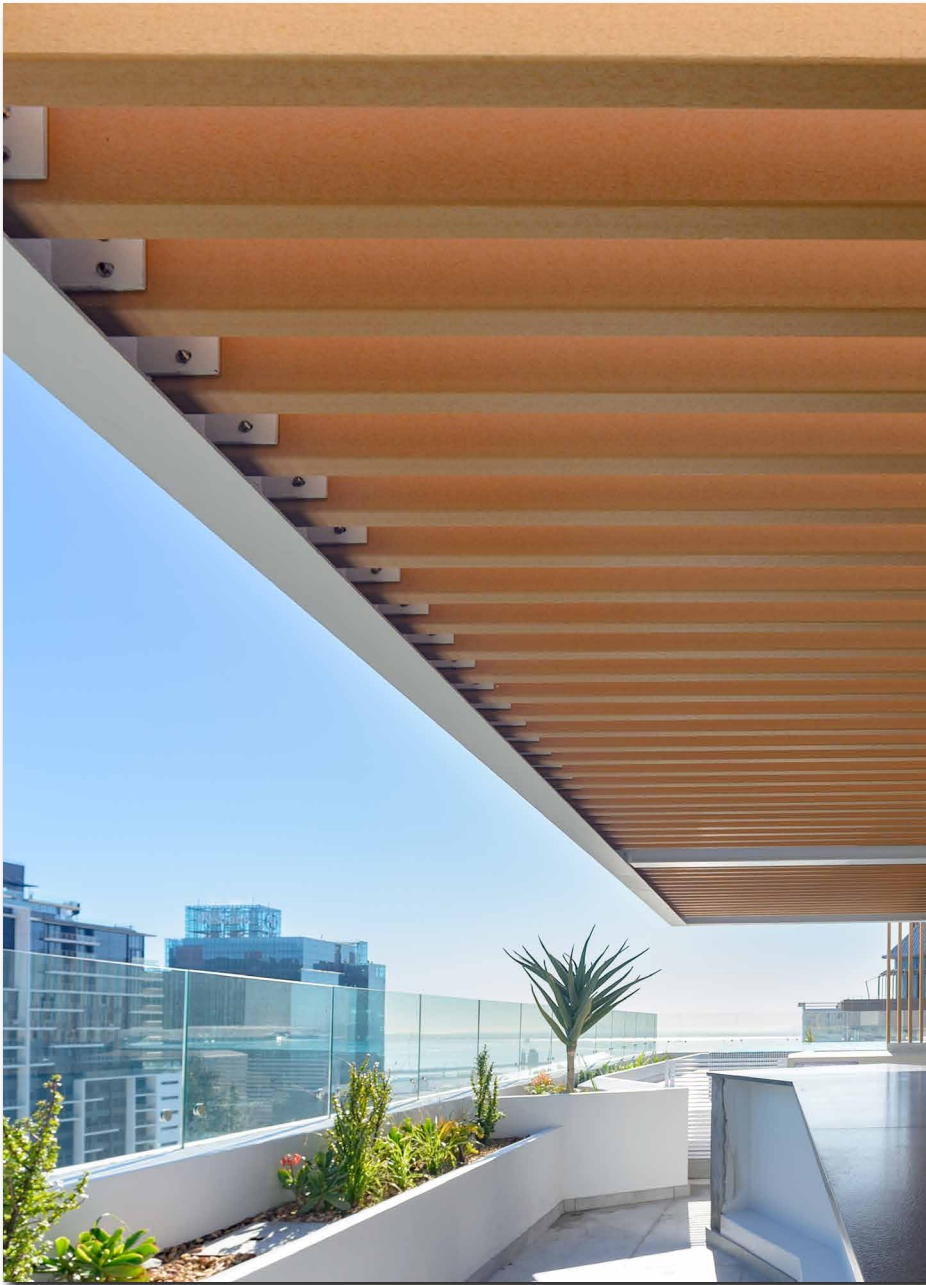


THE RUBIK, CAPE TOWN CBD

The brief from Abland Property Developers for The Rubik was to construct a contemporary skyscraper that straddles the heritage of South Africa's "Mother City" - Cape Town - coupled with creating a memorable mixed-use facility befitting modern city life.

This eye-catching 12 000m² complex constitutes an 11-storey base including two retail levels on the ground and first floors, seven storeys of corporate office space and nine luxurious apartment levels with state-of-the-art finishes.

The challenge was to invigorate the inner-city surroundings, consolidating two adjacent erven and expanding the existing building's capacity using modern design and materials, whilst preserving the site's historic edifice - a requirement by the city's Heritage Council. Simultaneously, the building was not to contribute to the concrete jungle with yet another overbearing, dominant hunk of concrete and steel...a tall order!



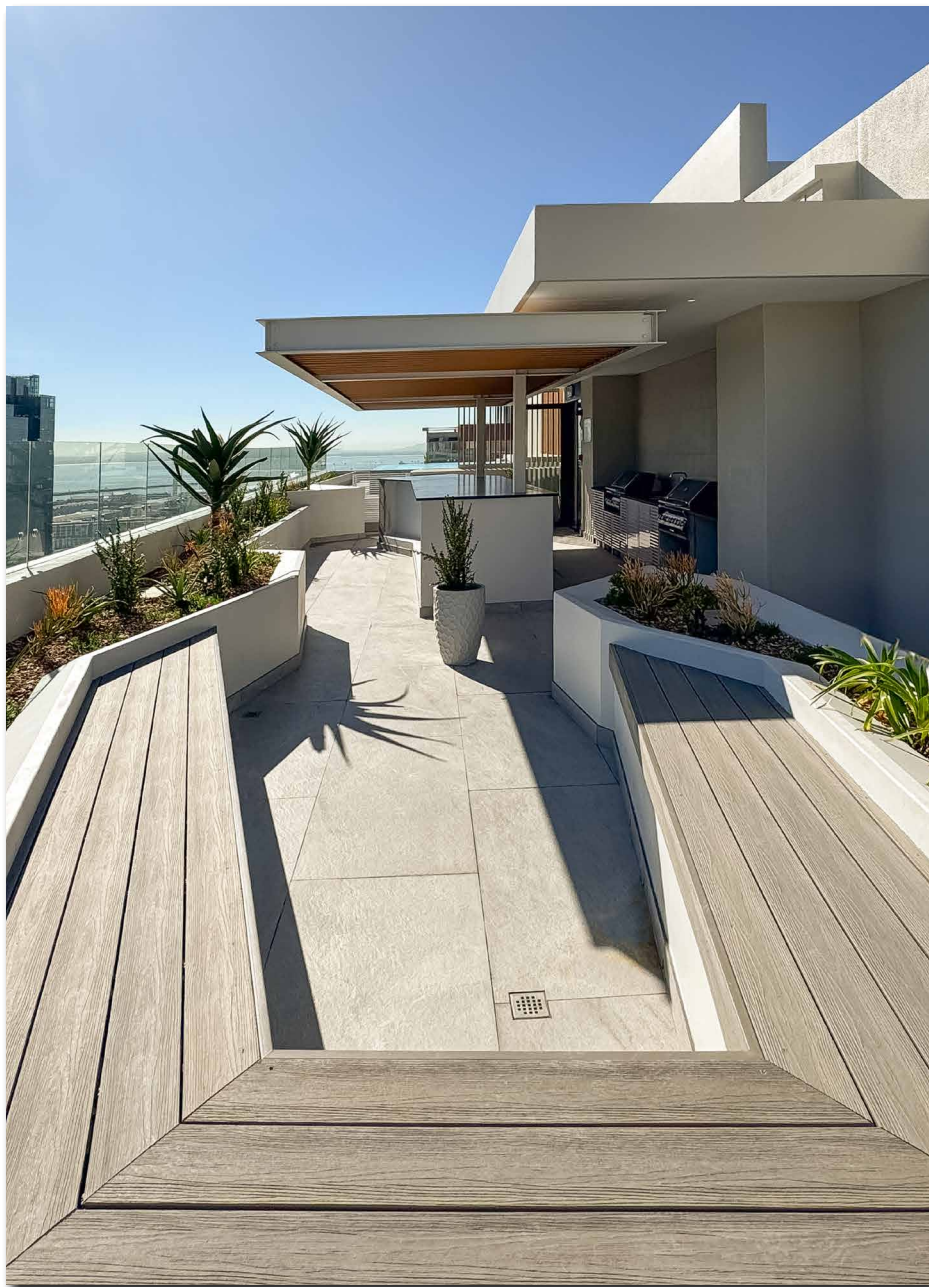
A TALL ORDER FOR A STUNNING CITY SKYLINE

This multi-storey monolith, designed by award-winning architects DHK, features an ingenious rotating core, reminiscent of the “Rubik’s Cube” that breaks up the monstrous 89m “concrete cube” into separate quadrilateral blocks. The structure’s domineering mass and height was further compartmentalized by rotating each volume, providing a 360° view of the “Fairest Cape’s” gorgeous cityscapes.

Various mixed modern building materials including concrete and glazing were used on the exteriors, with reflective floor-to-ceiling windows on the upper volume optimizing sunny South Africa’s fabulous climate. A combination of pre-cast concrete with brickwork and aluminium fin infills were retrofitted to the existing lower plinth – an aligning, unifying ‘nod’ to the neighbouring buildings. Soft, natural design elements with the latest material technology were introduced in the minimalist interiors.

A warm, welcoming reception on the ground floor and breathtaking rooftop entertainment area tops the block for the ultimate luxury in modern city convenience.

The result is a distinctive, dynamic form with the necessary scale and structure within the heart of the city’s centre



ALL DECKED OUT

To break away from the monolithic structure of the building, Eva-Last's gorgeous Infinity decking, in Caribbean Coral, was selected for a section of the expansive entertainment area on The Rubik's rooftop.

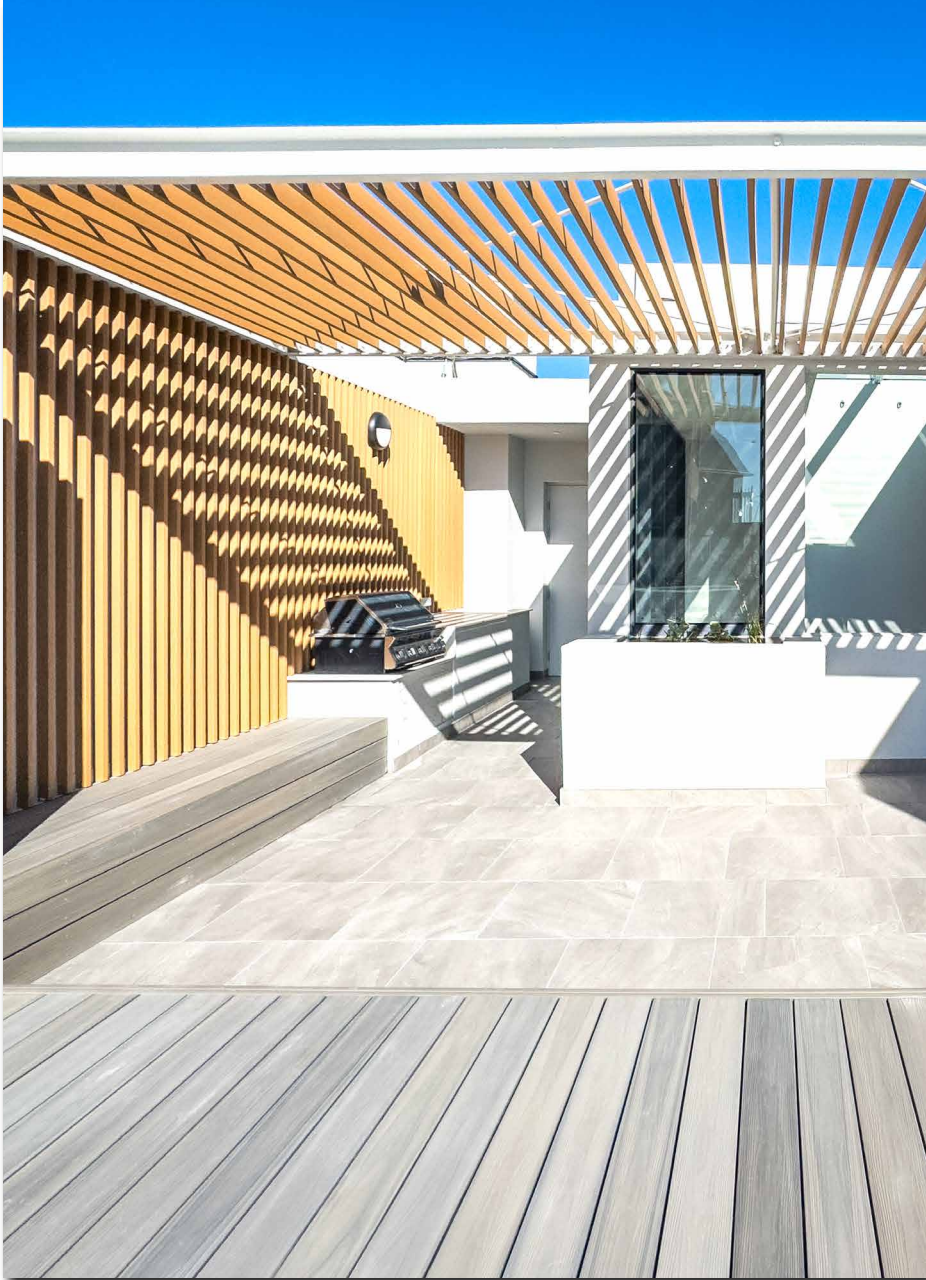
Introducing warm and welcoming grey tones in a streaked, slip- and scratch-proof surface, this ultra-durable and convenient bamboo composite deck provides a birds-eye view of the city, guaranteed to withstand the variability of Cape Town's climate. Made from co-extruded eco-friendly bamboo fibres and recycled polymers with a protective capping, Infinity is an exceptionally weather resistant, low-maintenance deck that won't warp, degrade, or discolour over time.

Infinity decking was also creatively used for The Rubik's outdoor seating, to bring some warm, grey tones to the surface of the seating, matching the deck, and further softening the hard architectural materials.



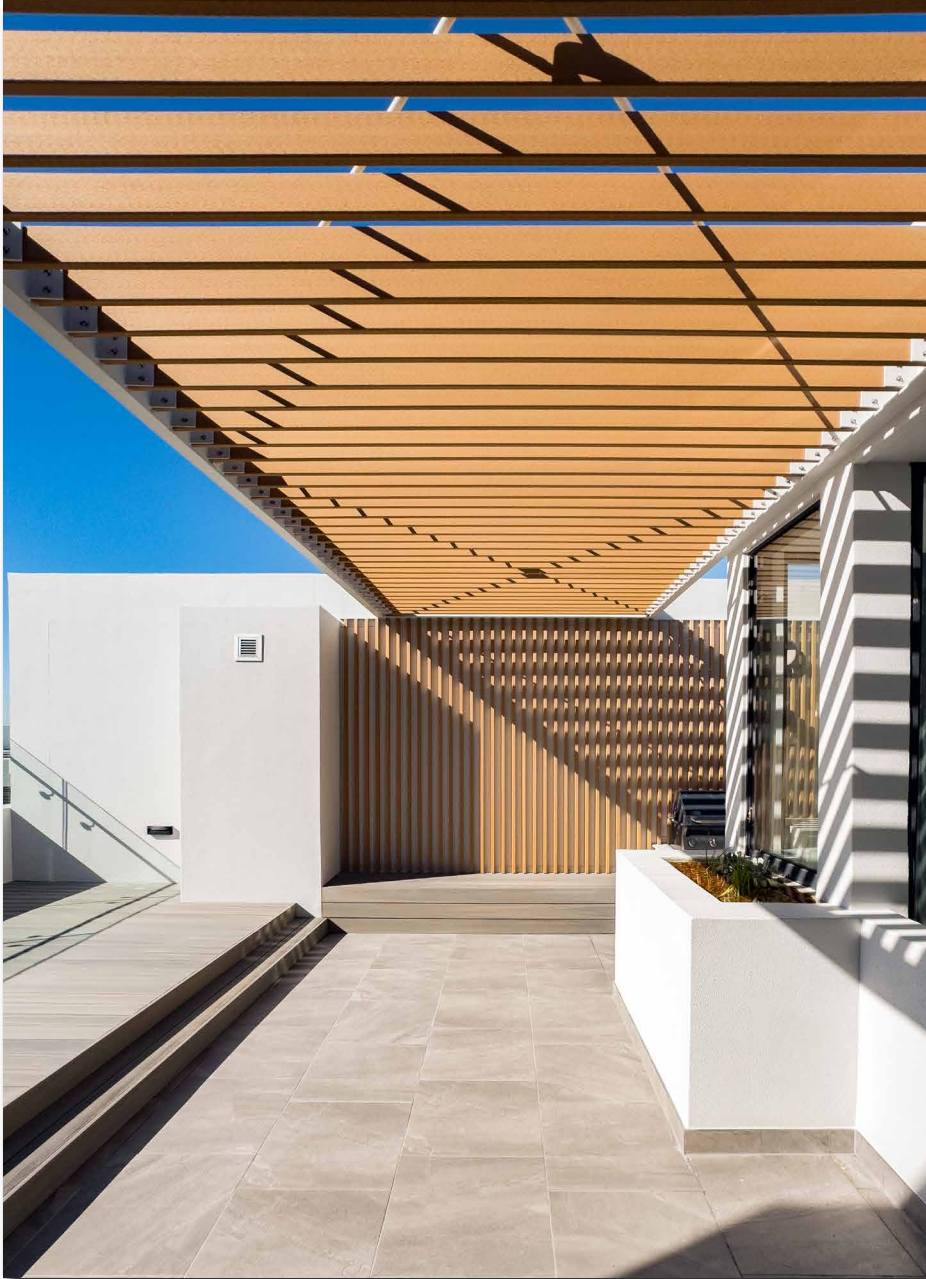
A decorative pergola and several slatted screens were erected vertically against walls using Lifespan architectural beams in Savanna colour. These add an ethereal, earthy appearance that perfectly complements the deck. Naturally, these elements also provide much-needed shade and shelter from the sun or wind, a common occurrence in Cape Town, while their outer composite layer needs little maintenance to remain looking as good as when it was installed.

Finally, the lightweight Lifespan beams were also installed vertically as a beautiful backdrop for The Rubik's signage wall on the first floor.



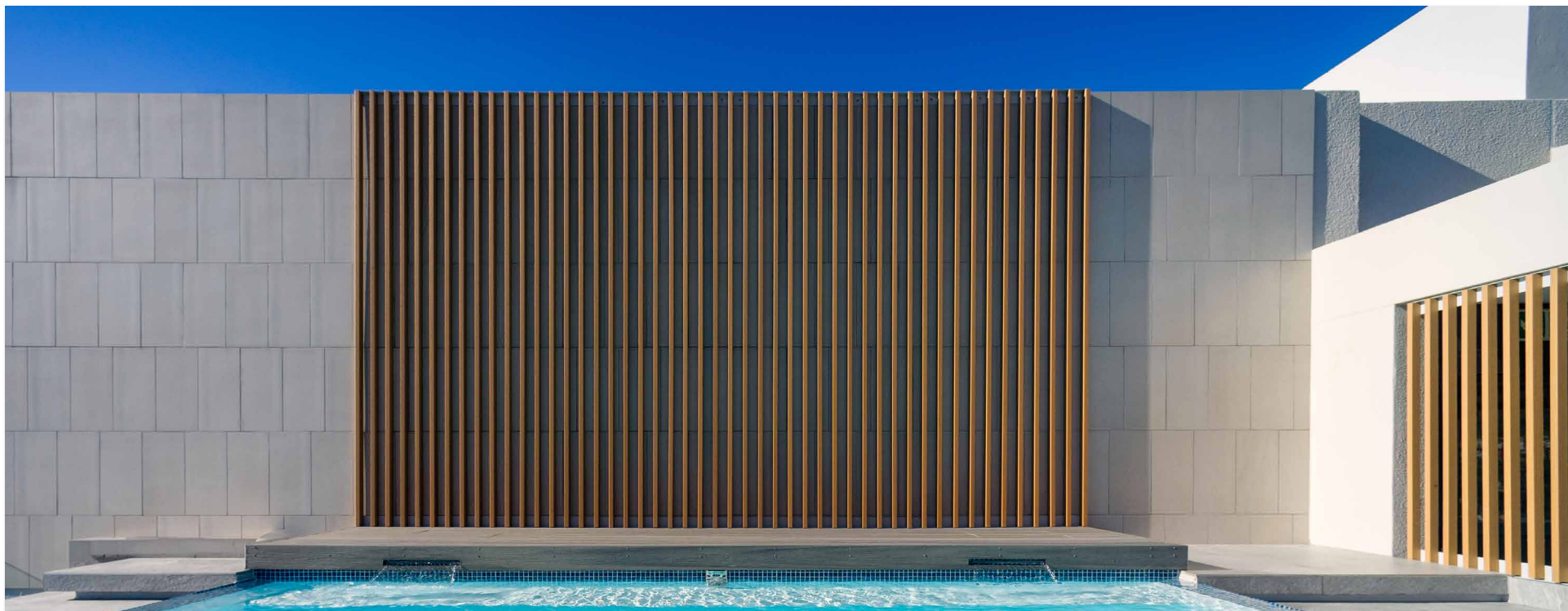
KEY INFLUENCER QUOTE

"Eva-Last's natural-looking materials add to the aesthetics of The Rubik, introducing a more natural and warmer interface, breaking away from the monolithic structure of the building," says Lucienne Myburgh, Senior Architectural Technologist at DHK. "Their eco-friendliness, low maintenance properties and durability were also key considerations in their specification," he added.



SUMMARY

The Rubik is set to become an icon of Cape Town's skyline with the expansive rooftop deck providing a birds-eye view of the city's breathtaking views. Standing tall as an example of engineering excellence and architectural brilliance, The Rubik's innovative interface of hard concrete and reflective glazing paired down with warm and welcoming, low-maintenance composites represent the ultimate in luxury city living.



ABOUT US

Eva-Last is a globally reputable brand that utilises a solution driven business model to create innovative, sustainable building materials and systems that add value to customers' lives. At the heart of Eva-Last is a team of highly capable, creative specialists united by a passion to promote environmental consciousness through eco-friendly building products and operations. By embracing low environmental impact manufacturing and cutting-edge composite technology, Eva-Last is revolutionising how building can be done. We design and deliver beautiful, long-lasting green alternatives that make our customers' lives easier, healthier, and just plain better.





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