



No. 39

Mall of the South - Infinity decking

Johannesburg, South Africa, 2025

Infinity

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PROJECT DETAILS

Project Name

Mall of the South

Project Type

Retail

Description

Decking

Date of Installation

November/December 2025

Contractor

Gerhard de Beer, JJBS

Sub-contractor

Duane, Deckon Projects

Size

1470m²

Project Location

Mall of the South, Johannesburg, South Africa

Product Used

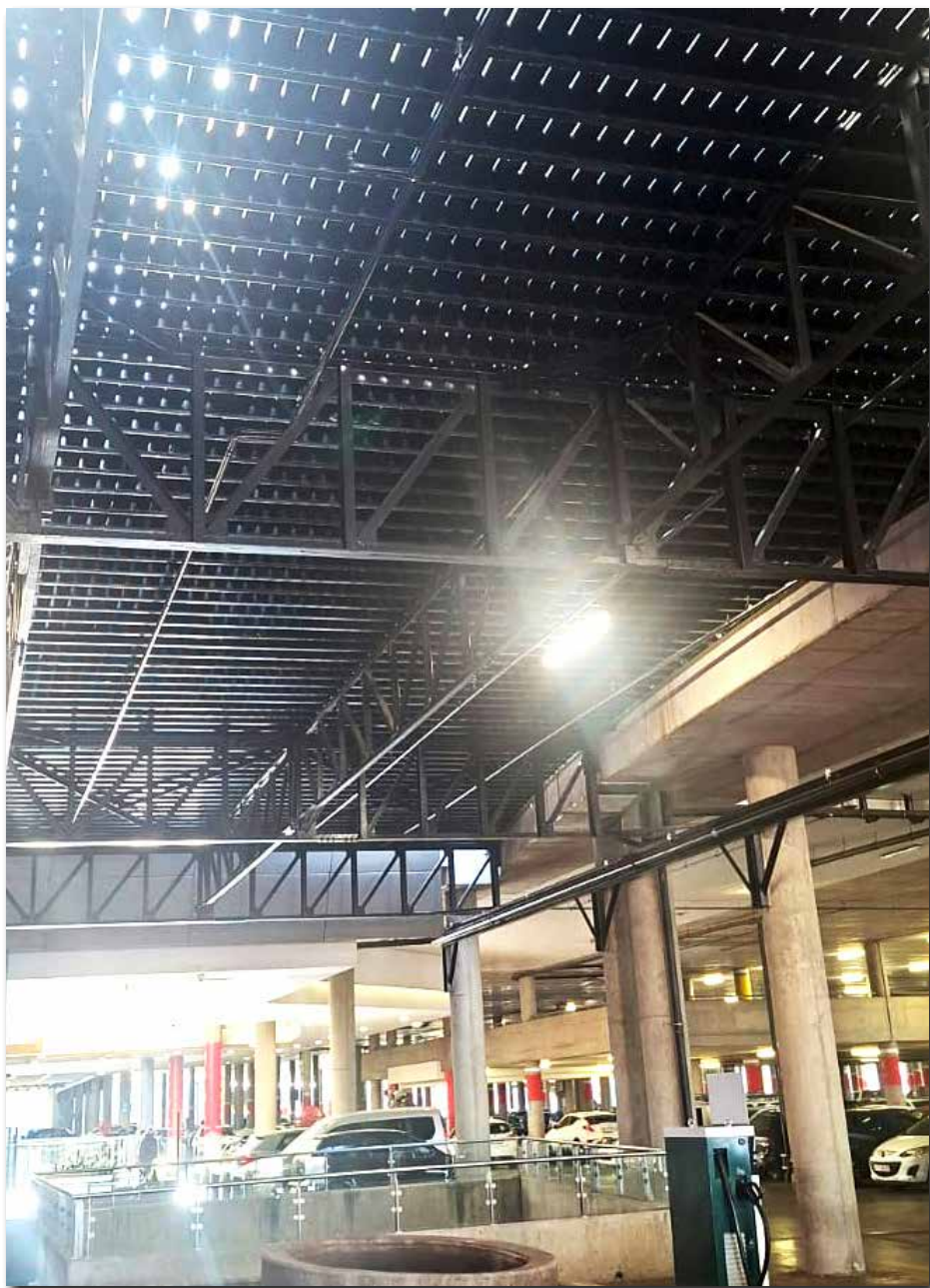
Infinity decking in Swiss Oak



MALL OF THE SOUTH, ASPEN HILLS

The Mall of the South is one of Johannesburg's premier shopping and dining destinations serving the city's southern suburbs and surrounding areas. With shoppertainment serving as a critical revenue stream beyond traditional retail sales, the centre management decided to revamp its popular food court with a gorgeous rooftop deck for outdoor dining and entertainment to maximise the centre's fabulous views.

What made this project particularly unconventional was that the original building design featured two large 'gaps' or wells on the proposed rooftop extension between the centre's dual entrances that looked down into the parking below. This necessitated an attractive, yet safe and structurally sound solution that would cover the gaps to extend the outdoor dining area on the top level without compromising the aesthetics, or safety of the levels below.



COMPOSITE THAT DOUBLES AS A DECK AND CEILING

To provide an attractive, natural-looking surface for the outdoor deck that could also double as a ceiling over the cavities between the basement and rooftop structures, the architect specified Eva-Last's advanced bamboo composite decking, Infinity in Swiss Oak.

Infinity's colour-streaked timber tones and textures add an organic aesthetic to the deck while the I-Series board profile creates an interesting ceiling view from the basement. It lends itself beautifully to the deliberate artistic treatment of both top and bottom surfaces and successfully softens the steel sub-structure in a way that is simply not possible with a cold concrete slab.

"A structural engineer had to design the steel sub-structure to close the gaps before we could lay the deck," said Duane Davis from Deckon, who commented on the exceptional safety protocols necessary for installation at heights of more than 20m.

"They decided to use the sub-structure to make a decorative statement when looking upwards, while providing a safe and secure surface on which to mount the deck," he explained.



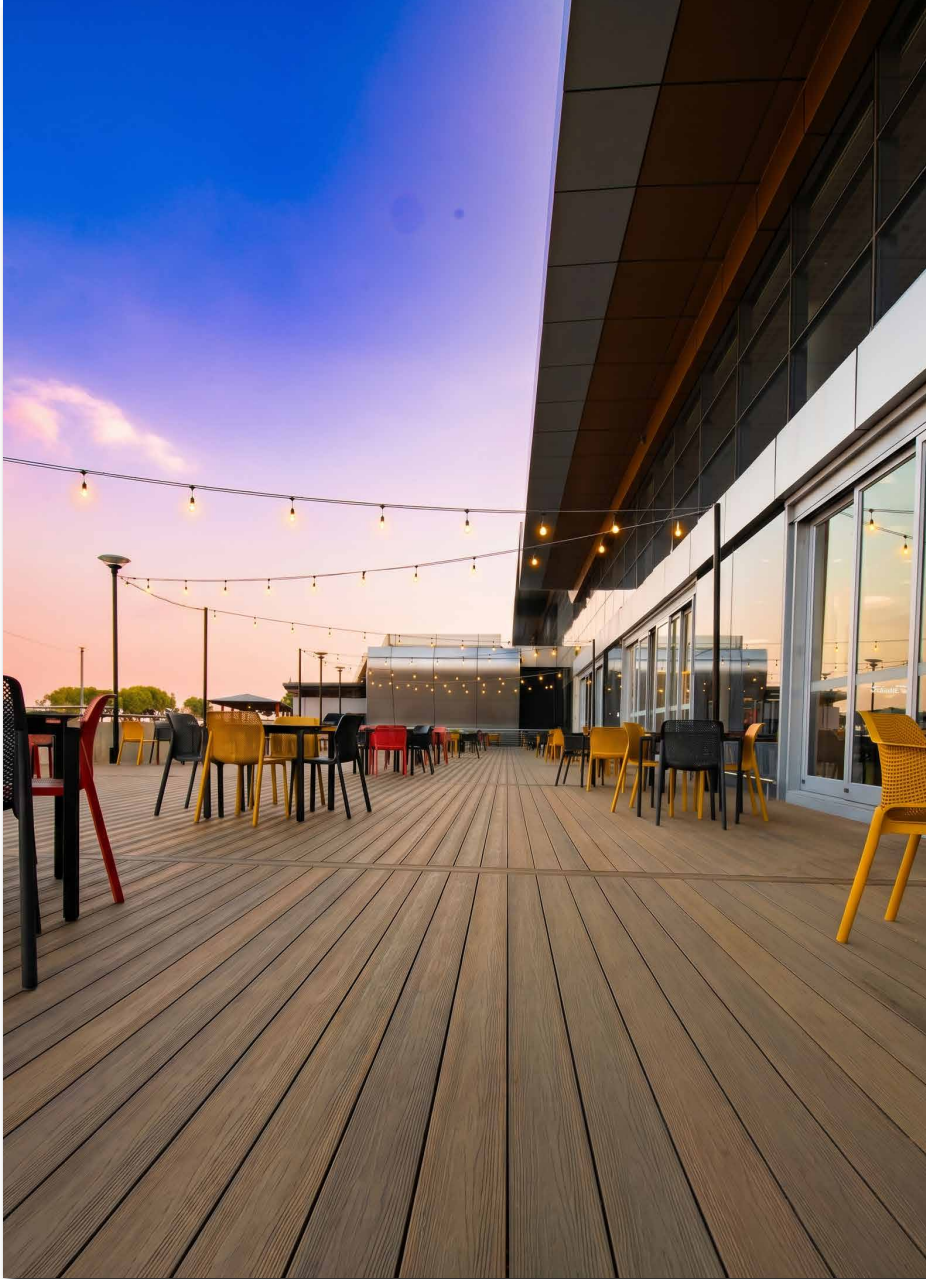
Infinity's I-Series boards, laid at 5.4m intervals with breaker boards, created an expansive wood-look deck while turning the makeshift 'ceiling' on the underside into a creative work of art.

The gorgeous deck extends out onto the rooftop parking, creating a warm and welcoming outdoor dining area that unites the traditional sit-down restaurants with the trendy takeout joints.

The eco-friendly decking boards, made from recycled plastic combined with renewable bamboo fibres, ensure a stainproof and UV-resistant surface that will resist inevitable scuffs, scratches and stains from patrons. Hidden CHAIN collated clips and colour-matched screws secure each board in place for a flawless finish.

Several boards were cut to create the oval shape on the roadside and to accommodate several columns where lights were needed, while aluminium cover angles were used at the walkways that interface well with the lighting.

"That's the beauty of working with Eva-Last composites, you have the flexibility to adapt to changes beyond the original scope of work," commented Gerhard de Beer from Hlaziya Projects, proudly pointing out how the fairy lights enhance the ambience of the space.



AN ENGINEERING MASTERPIECE

While the sub-structure was designed to support the deck and create an interesting ceiling, the composite profiles had to allow for expansion and contraction. This could occur from both the slight movement of the building, as well as the deck itself due to temperature variations between the cool air from the basement below and the heat from the sun above.

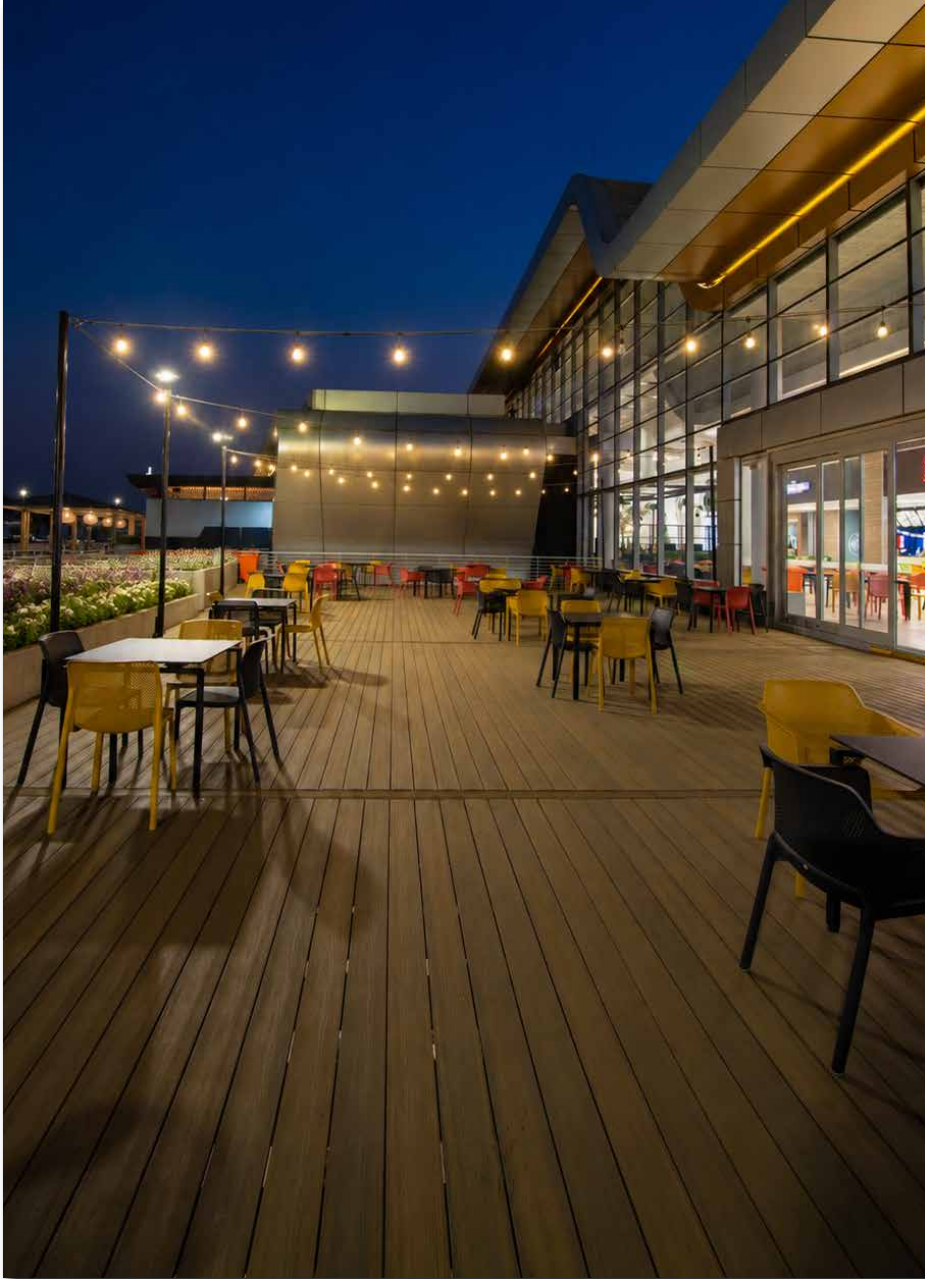
Infinity's co-extruded composites are designed for structural stability with a bamboo-PE (polyethylene) core coupled with a protective polymer capping for added stain- and moisture-resistance.

This sophisticated composition not only provides flexibility and strength, but critically, protects the material from wear and weathering. Eva-Last Infinity's 25-year warranty makes it a cost-effective long-term investment, ideal for any commercial or corporate installation.



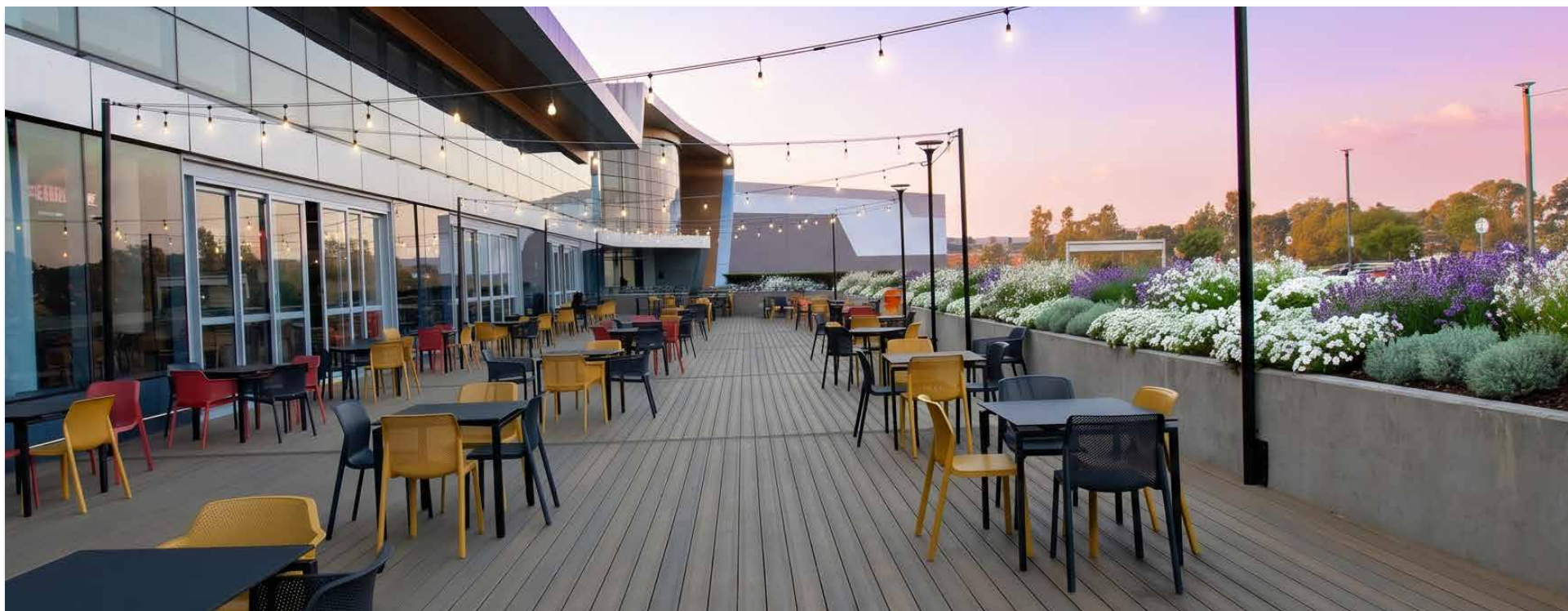
KEY INFLUENCER QUOTE

"With Eva-Last composites, you have the flexibility to adapt to changes beyond the original scope of work," commented Gerhard de Beer from Hlaziya Projects, main contractor on the Mall of the South food court decking revamp.



SUMMARY

Mall of the South's revamped rooftop decking is an engineering masterpiece. Infinity composite decking from Eva-Last provides a gorgeous rooftop deck, whilst simultaneously combines with the steel sub-structure to create a secure, yet decorative ceiling designed to cover the original design wells between the basement and upper levels.



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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