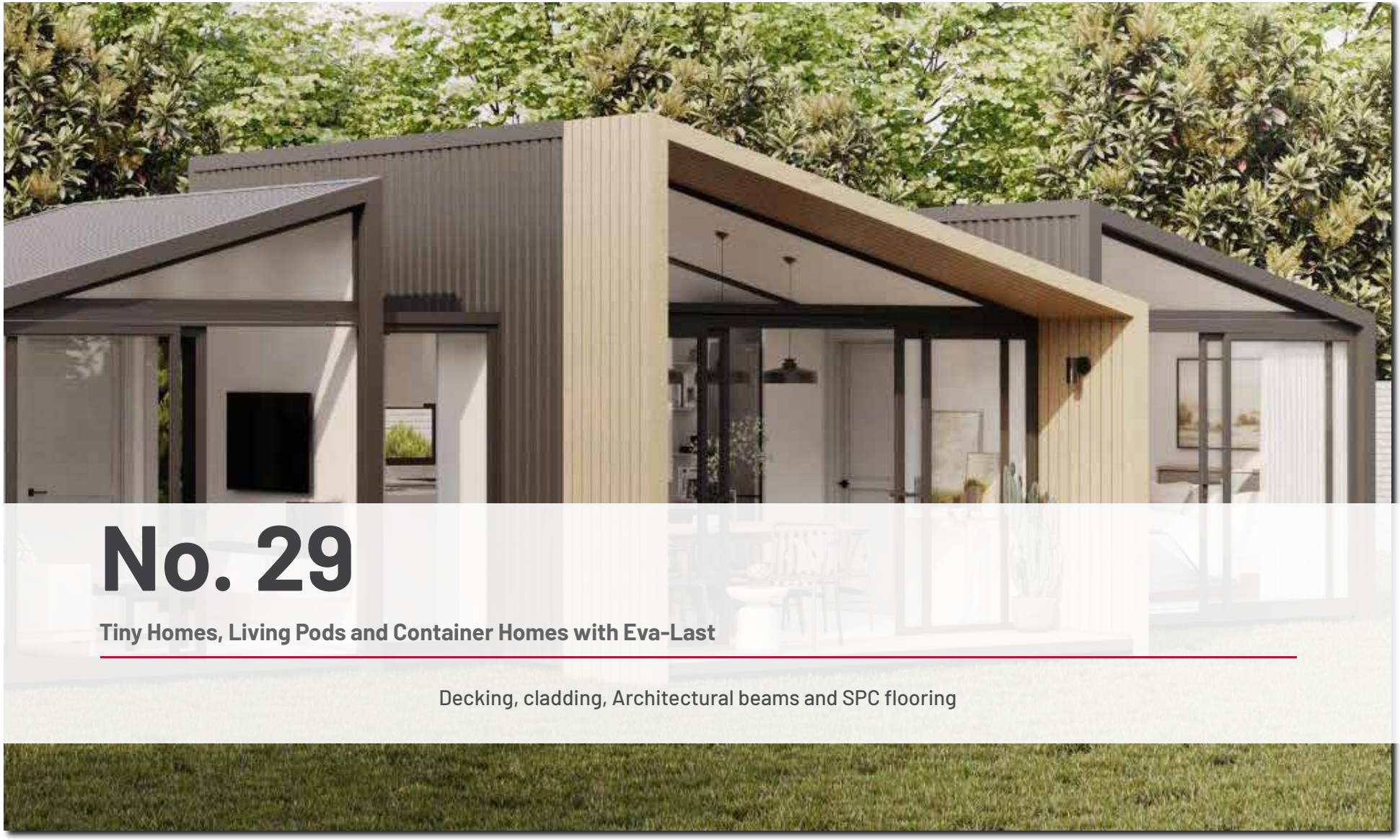

No. 29

Tiny Homes, Living Pods and Container Homes with Eva-Last

Decking, cladding, Architectural beams and SPC flooring

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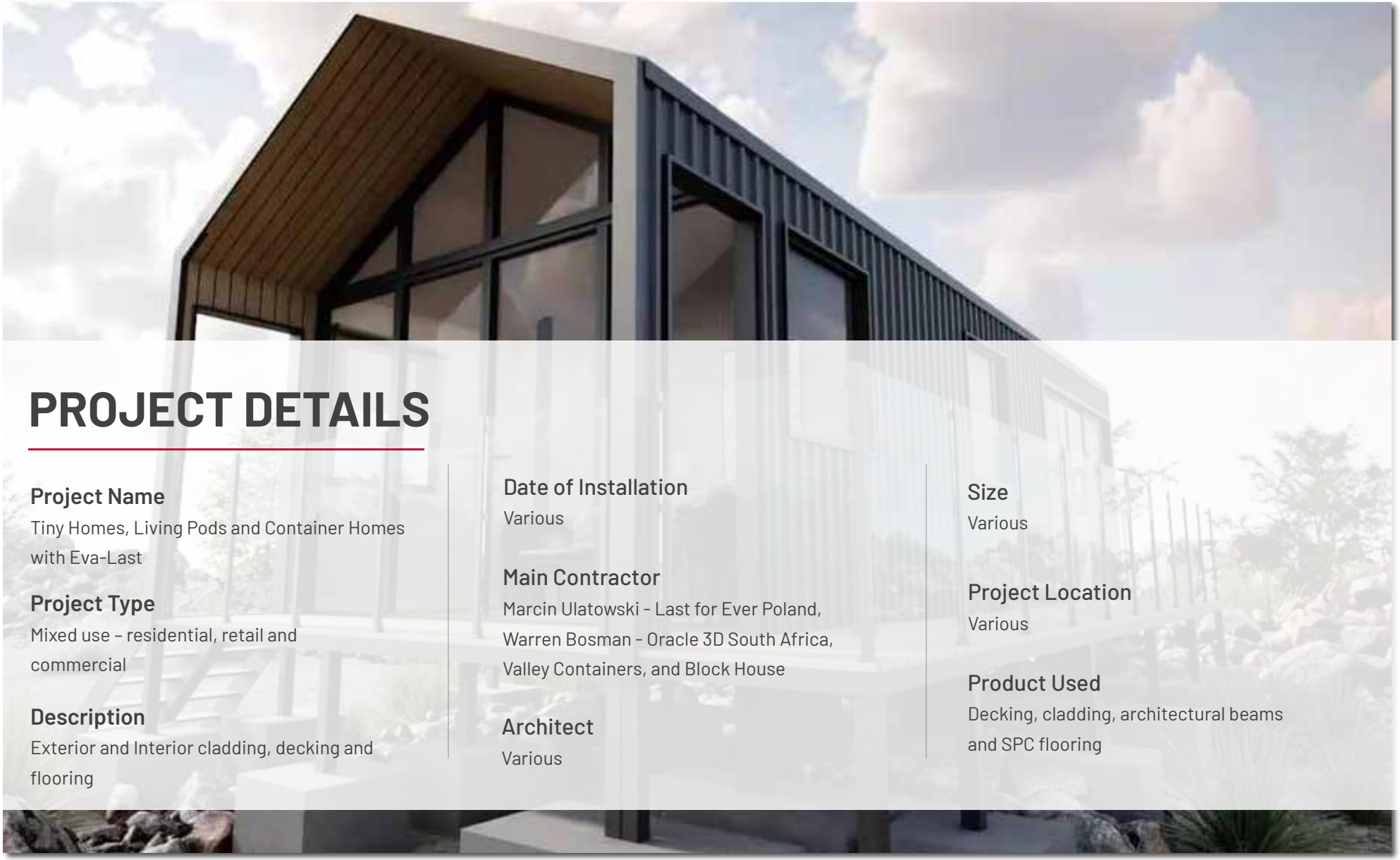


PROJECT DETAILS

Project Name
Tiny Homes, Living Pods and Container Homes with Eva-Last

Project Type
Mixed use – residential, retail and commercial

Description
Exterior and Interior cladding, decking and flooring

Date of Installation
Various

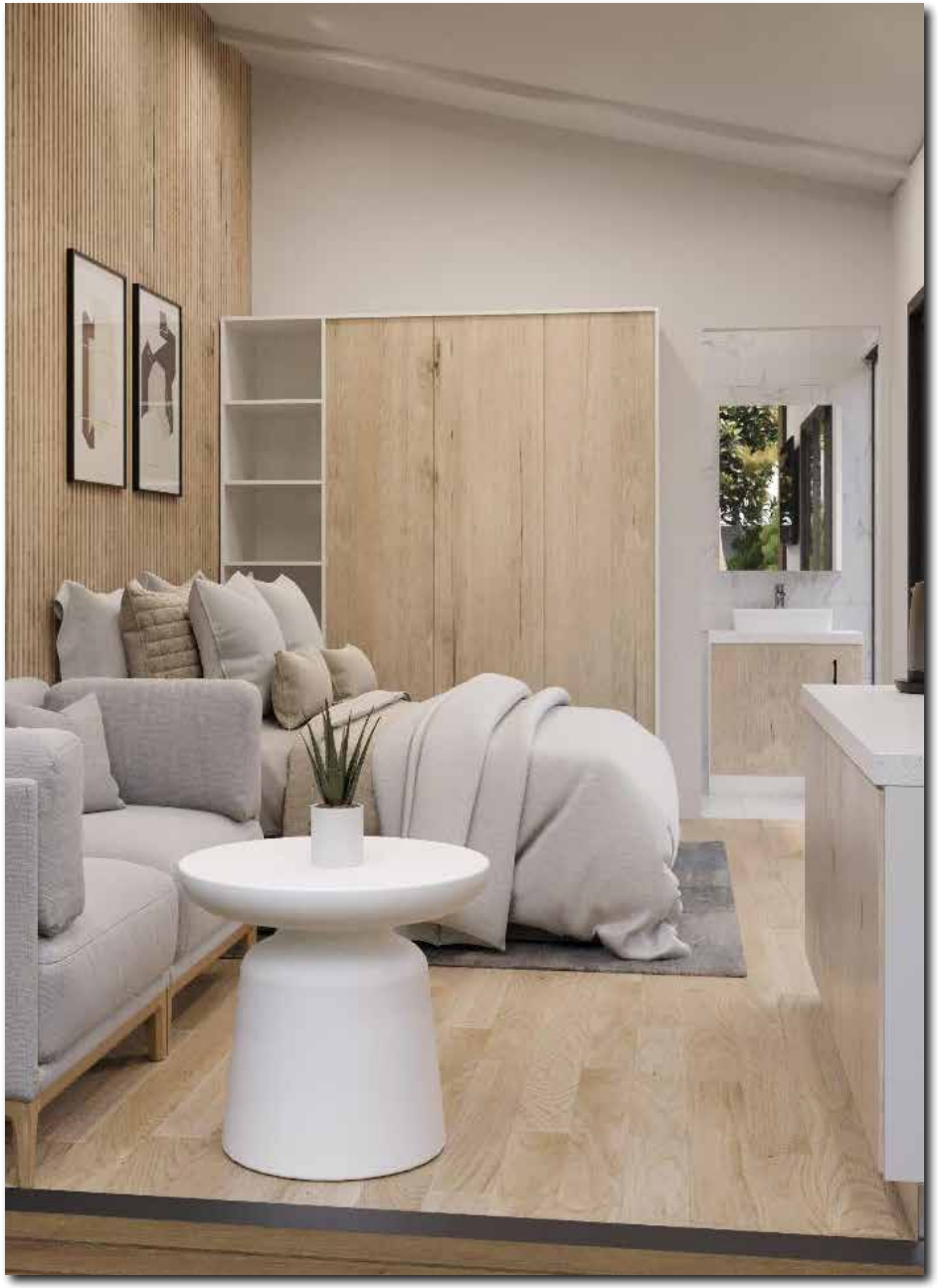
Main Contractor
Marcin Ulatowski - Last for Ever Poland, Warren Bosman - Oracle 3D South Africa, Valley Containers, and Block House

Architect
Various

Size
Various

Project Location
Various

Product Used
Decking, cladding, architectural beams and SPC flooring



MODULAR SOLUTIONS FOR MODERN LIVING

Rising building material and labour costs, and time and space constraints, place increased pressure on urban planners and developers to meet the demand for urbanization, housing and infrastructure. Long, expensive and often delayed construction periods and inadequate facilities have a massive social and economic impact on the quality of life of citizens, and the businesses that service them. Architects and town planners must engineer a viable, sustainable society with attractive, adaptable and functional buildings that balance expansion, budget and time restrictions, as well as climate considerations.

Tiny homes and modular construction systems provide a versatile solution for modern lifestyles and space constraints.

COMMUNITIES OF THE FUTURE

Progressive architects and contractors are building new communities and facilities, one tiny home or unit at a time. Utilising prefabricated modular components for easy assembly off-site, these elements provide instant, adaptable and cost-effective solutions for a variety of applications.

Whether it's an eco-pod equipped with insulated cladding and beautiful decking, or a cluster of repurposed shipping containers converted into convenient retail stores, modular construction coupled with modern composite materials create attractive buildings that are fit-for-purpose, quickly and cost-effectively.

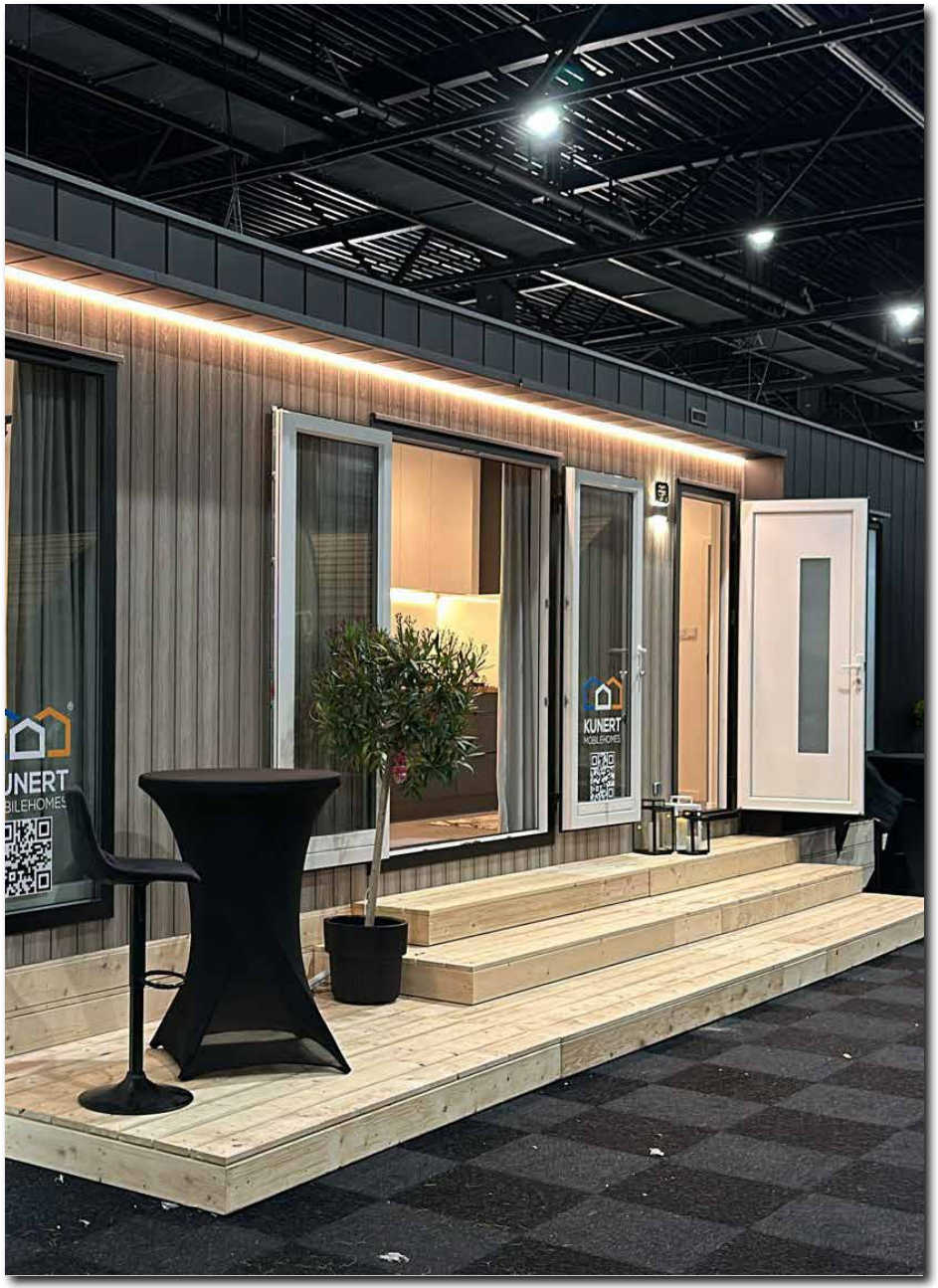
Composite cladding, decking, lightweight architectural beams and SPC flooring are some of the modern materials being used to enhance modular residential, retail and even educational buildings. These versatile profiles provide the natural good looks of wood but with superior performance properties and built-in convenience.

Cladded exteriors and decorative feature walls using castellated cladding add instant form and function to flat surfaces, while enhancing the aesthetics to a modern, trendy look.

Composite decking extends the usable floor space outwards without constant maintenance and upkeep.

Hollow architectural beams are erected as pergolas, screens or shutters to provide shade and protection from the wind and sun, while stone-polymer composite (SPC) flooring takes the wood-look indoors for a low maintenance, durable, and beautiful natural finish.

Made from recycled plastic combined with flexible bamboo fibres, Eva-Last's advanced bamboo composite range of building materials feature timber textures in popular shades and species. The products all have built-in UV-, water- and fade resistance. In addition, the ranges have their own fixing systems and appropriate fasteners to ensure robust solutions no matter the type or size of the project

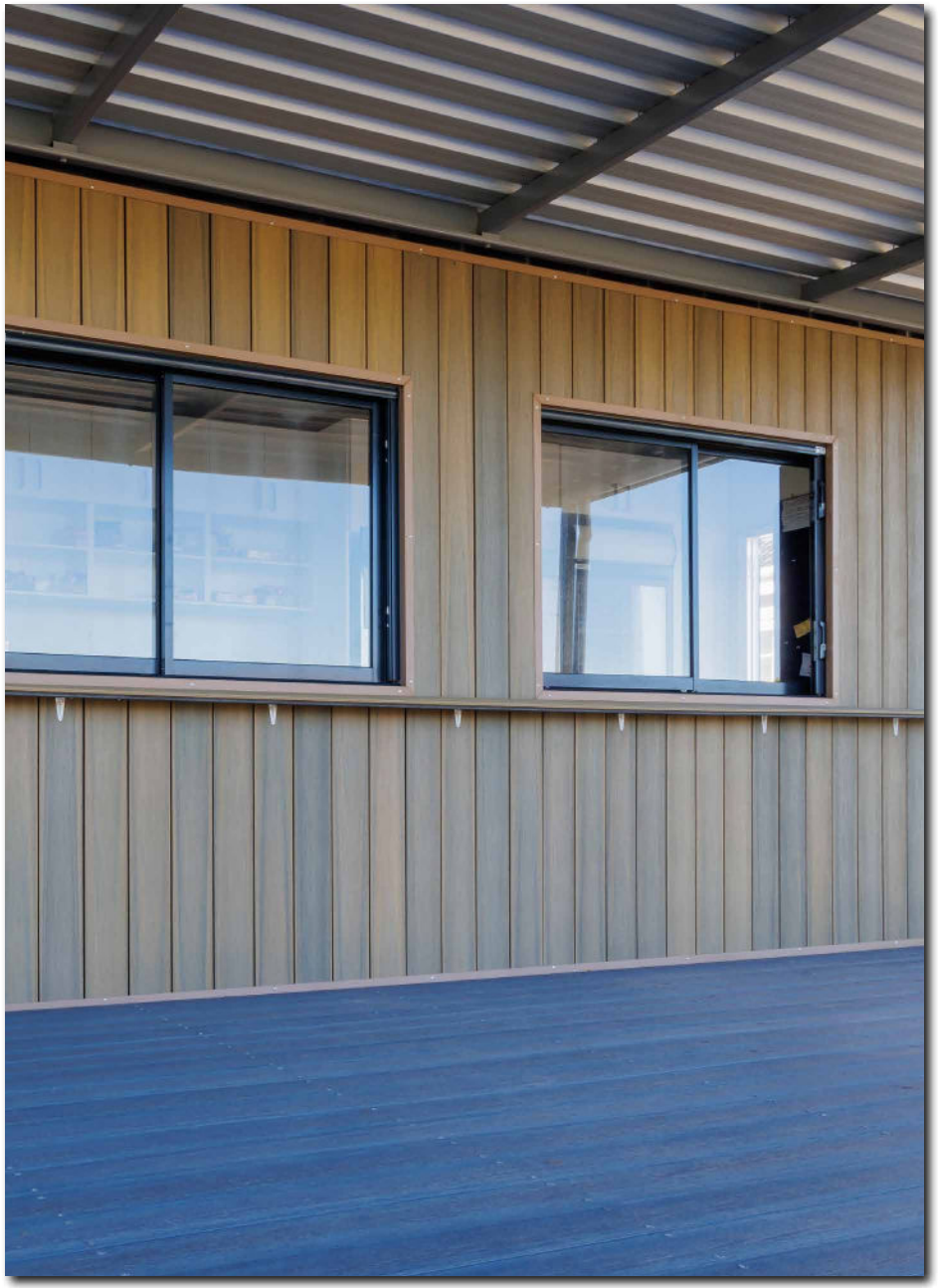


INSTANT INSTALLATIONS WITH AN EVA-LASTING EFFECT

Marcin Ulatowksi of Last for Ever and Kunert Mobile Homes is one such contractor using VistaClad cladding from Eva-Last to build and decorate mobile homes in Poland.

Offering instant insulation and a weatherproof façade in an attractive timber finish, VistaClad's advanced bamboo composite profiles simply lock onto the outer substructure of a mobile home using a convenient clip strip system. This reliable, concealed and pre-galvanised dual-clip system guides each board into place, providing the exact expansion gaps necessary to cater for ventilation, drainage and the constant expansion and contraction resulting from temperature fluctuations. The boards' protective polymer capping ensures a low maintenance exterior that won't scratch, discolour or degrade over time due to mould, rot, water, sun or insect damage. The board profiles can be installed horizontally or vertically using special adapters and trim profiles which can be trimmed to size around windows and doors, creating a watertight, professional finish.

Several pods or units can be added to expand the living space as needed, with the option of uniting the space by adding a deck or staircase to enhance the environment.



This clever classroom/admin building with a shaded deck and pergola was built for Erica Primary School in Cape Town, South Africa using several Eva-Last bamboo composite products. The exterior shell was cladded vertically with Eva-Last's Infinity boards in Swiss Oak for a natural textured finish on the wall. Its inorganic composition guarantees the cladding will withstand the Cape's fluctuating hot or wet weather conditions for up to 25 years. A pergola, with a matching grey tones, was erected for shade using the lightweight Lifespan beams. Their hollow aluminium core made installation overhead easy and simple, continuing the natural organic aesthetic.

An elevated deck with matching stair profiles, edging, rails and posts in Cape Town Grey Infinity was laid to create a welcoming entrance. Eva-Last's complete system of decking, including grooved boards, starter boards and fascia, installed using colour-matched Hulk fasteners and CHAIN hidden deck clips, made installation super quick-and-easy. The detailed installation guide provides expert advice on how to calculate quantities of boards to cover the area, as well as tips regarding placements of joists for the quickest, most cost-effective but aesthetically pleasing installation. Once the sub-structure had been erected, the decking could be laid, ensuring the correct expansion gaps based on the calculations done.

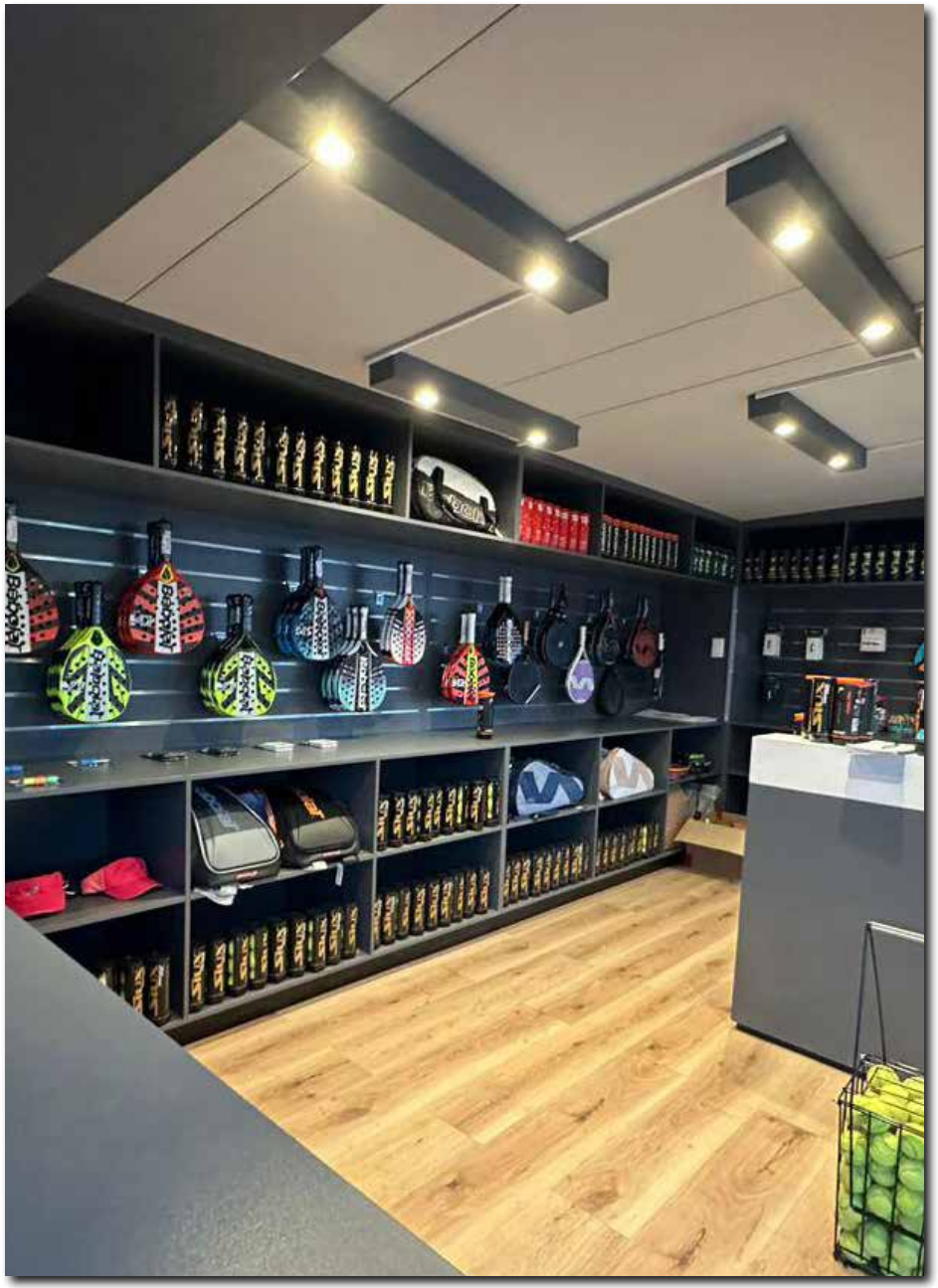
Indoors, TIER Classic SPC flooring in Reclaimed Fir Tabby was laid to complete the look. This SPC flooring boasts a superior wear rating ensuring it is able to withstand the scuffing and scratching expected in the busy school environment.

Most of these structures can be assembled and prepared off-site, eliminating costly delays due to late material deliveries and adverse weather conditions, reducing wastage and construction costs significantly.

"Modular homes or structures are transforming the building industry," says Warren Bosman of Oracle 3D who design and manufacture gorgeous, complete pods for living, working or playing.

His company produces complete turn-key units that can be custom-designed to suit any situation. From fully fitted homes in fancy golf estates complete with plumbing, lighting, built-in cupboards and sanware, to tiny "Business-in-a-Box" shops or gym pods with multiple segments that can be expanded, stacked or accessorized as necessary, Bosman incorporates the latest composite building materials from Eva-Last in every project.

Bosman chose to use Eva-Last's advanced bamboo composite ranges in several of his top-end housing projects, including this first-of-its kind Eco House in Victory Park.

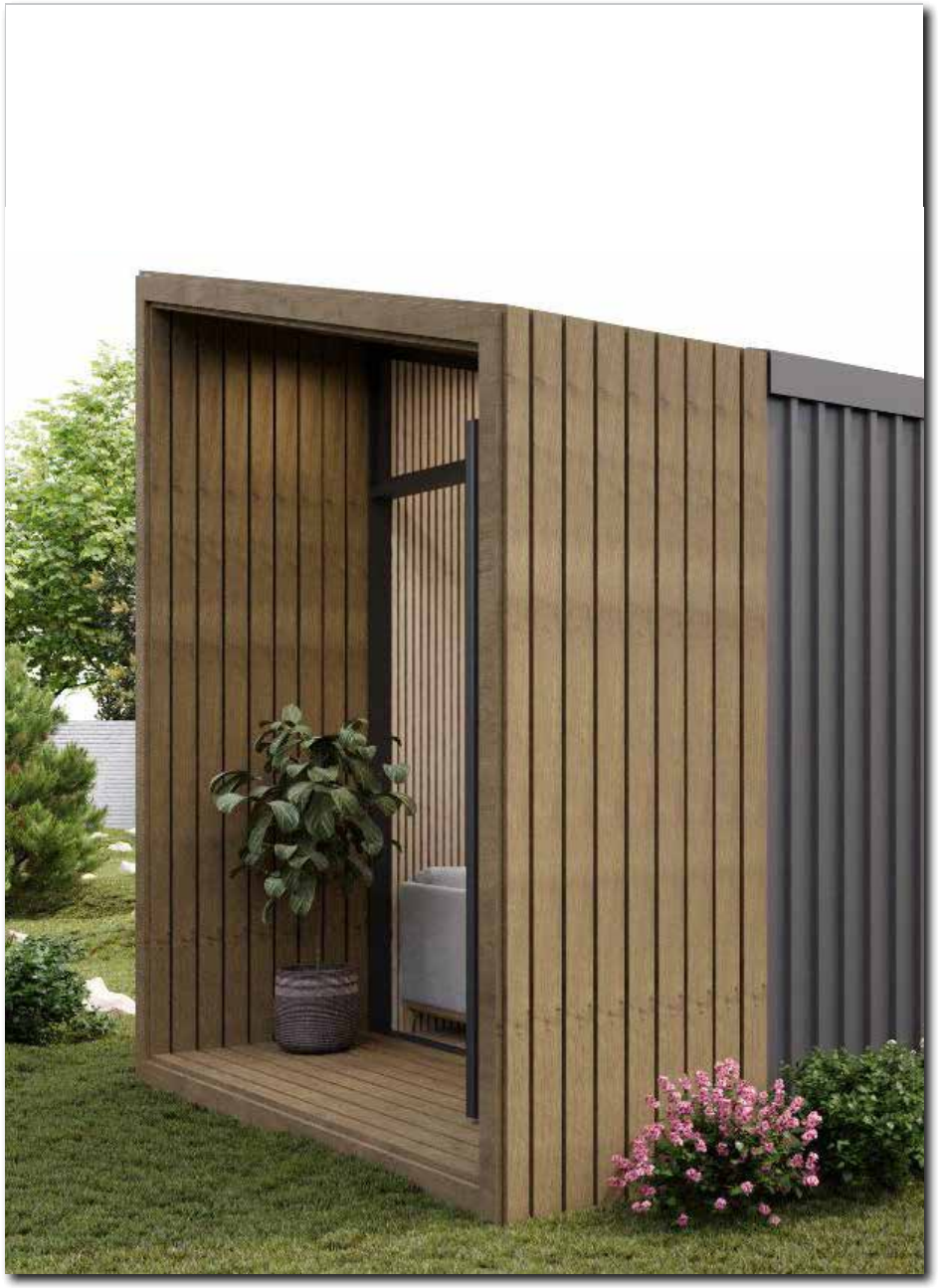


The exterior façade and foundations were clad with dark and dramatic VistaClad profiles, chosen to blend in with the natural surroundings. A patterned feature wall off-set against the horizontal orientation of the wood-look profiles adds impact to make a bold statement. The cladding's hidden substructure, that the profiles are clipped onto, facilitates natural heating and cooling to reduce energy consumption while the matching edges and trims ensure a neat finish around windows and doors.

"Composite materials outperform traditional brick and mortar structures, in that they will outlive most of those finishing materials without the worries of water or sun damage, insect infestations or constant upkeep, which is very important to our customers," he continued.

"We love that we can make interesting units or shapes using composite boards cut to size without worrying about water sensitivity or guttering by finishing them with a matching trim. What's more, we can create a pergola or piazza by combining two or more blocks and erecting Lifespan beams overhead, or design decorative walls for inside or out using their Revive castellated cladding" he continued.

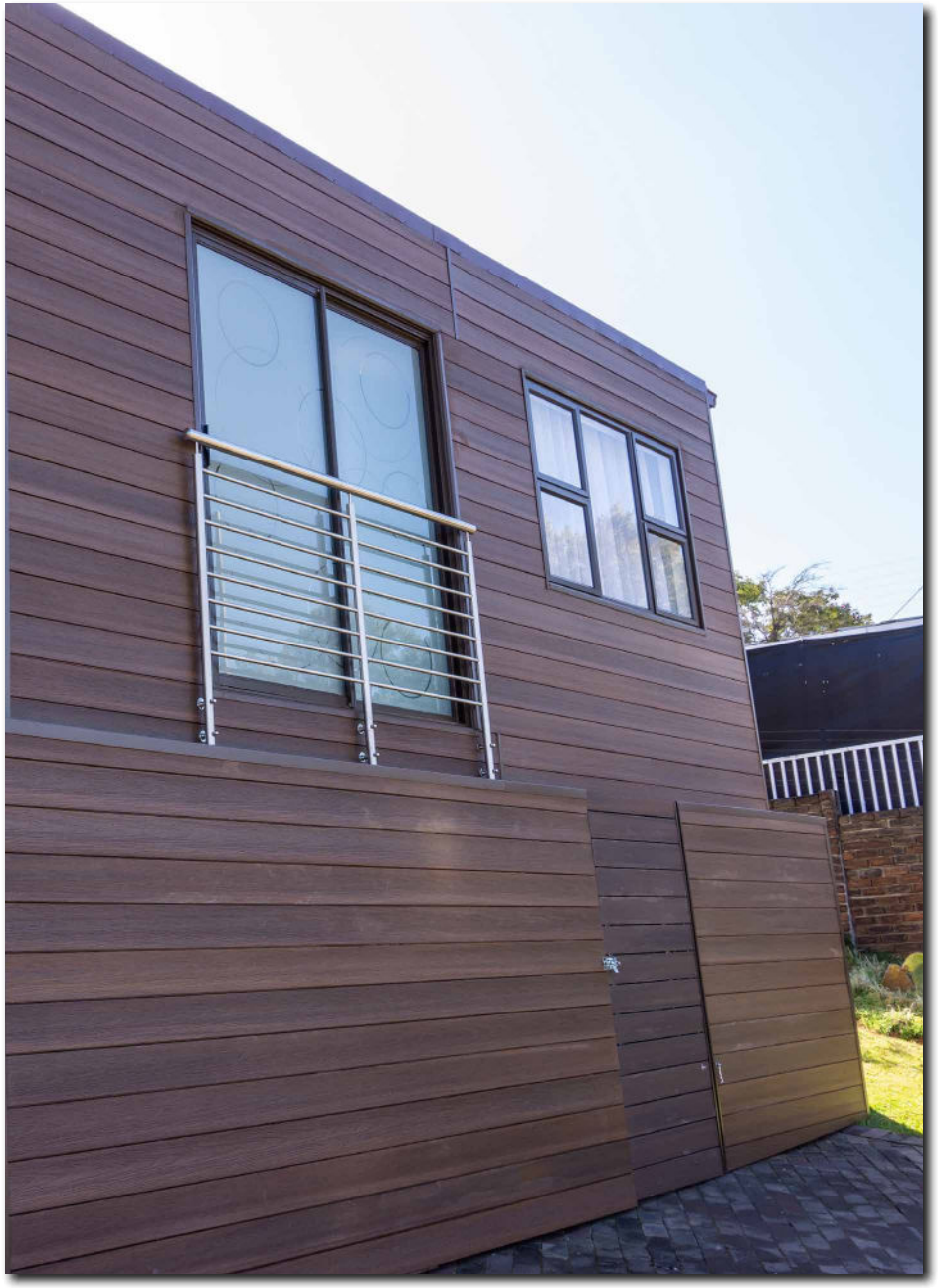
Of course, Eva-Last is most renowned for their durable bamboo composite decking such as this one at the Block House Viano. Extending the tiny space beyond the simple but striking structure, the deck provides an attractive entertainment area to relax able to withstand exposure to the harsh African sun.



KEY INFLUENCER QUOTE

"Vistaclad is the strongest composite cladding in Poland today, our customers love its natural wood-look finish. The clip-strip system makes installing it on the exterior of our mobile homes easy and efficient," says Marcin Ulatowski of Kunert Mobile Homes.

"Modular housing using composite building materials reduces the construction time by half and lend themselves to creative executions at significantly lower prices," says Warren Bosman of 3D Oracle.



SUMMARY

Tiny homes and modular construction systems utilising advanced composite building materials from Eva-Last provide a versatile solution for modern lifestyles, pop-up commercial spaces and other space constraints. These individual units can be standalone or combined to create attractive, functional spaces that enhance the natural environment. By adding a deck or walkway, it's easy to create expansive floorspace or entertainment areas to these units. Not only does off-site assembly reduce construction time by half and minimize waste, but these spaces also allow for creative designs at double the speed and significantly lower prices.

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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