

LIFESPAN

COMPOSITE ARCHITECTURAL BEAMS



HYBRID ALUMINIUM BAMBOO COMPOSITE BEAM

www.eva-last.co.za



LOW ENVIRONMENTAL IMPACT
Sustainable manufacturing & use of raw material

LIFESPAN

COMPOSITE ARCHITECTURAL BEAMS

HYBRID ALUMINIUM BAMBOO COMPOSITE BEAM

Lifespan architectural beams offer design versatility and increased span thanks to their specialised aluminium core that makes for easier installation at height. The outer coating of low-maintenance bamboo composite resists biodegradation, corrosion, and harsh weather, and offers built-in UV protection for beautiful durability. Enjoy the look of timber beams without the upkeep.

HIGH PERFORMANCE FOR HIGH EXPECTATIONS

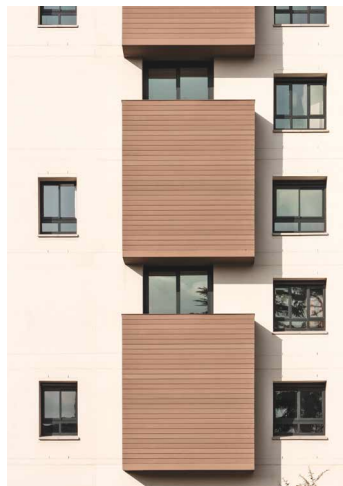
Lifespan beams add style and functionality in a diverse range of applications. Enjoy the shade and privacy of a pergola or screen, or enhance the appeal of your home exterior with beams that give the look of wood without the maintenance hassles. The versatility of Lifespan decorative architectural beams is matched only by their beauty.



PERGOLAS



PRIVACY SCREENS



CLADDING & SOFFITS



DECORATIVE ARCHITECTURE



For more information on Lifespan visit www.eva-last.co.za



TAKE HOME THE BENEFITS



DESIGN VERSATILITY

Architectural beams offer a diverse range of aesthetic applications



LIGHTWEIGHT DESIGN

Specialised aluminium core for easier installation at height



LOW-MAINTENANCE

The look of timber beams without the upkeep



INCREASED SPAN

Reinforced bamboo composite beam with built-in aluminium core



DECAY RESISTANT

Resists biodegradation, corrosion, insects, & harsh weather



FADE RESISTANT

Built-in UV protection for beautiful durability



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COMPOSITE ARCHITECTURAL BEAMS

REINFORCED COMPOSITE

Lifespan architectural beams offer design versatility and increased span thanks to their specialised aluminium core that makes for easier installation at height. The outer coating of low-maintenance bamboo composite resists biodegradation, corrosion, insects, and harsh weather, and offers built-in UV protection for beautiful durability. Enjoy the look of timber beams without the upkeep.

TRI-EXTRUDED ALUMINIUM BAMBOO COMPOSITE

- 1 Aluminium core
- 2 Engineered flexible adhesive
- 3 Outer protective composite coating (Eva-tech surface technology)



INCREASED SPAN

Lifespan architectural beams offer the span capability of much heavier, solid beams thanks to their built-in aluminium core. This core significantly enhances the dimensional and flexural stability of the beam, while their Eva-tech bamboo composite coating provides a realistic timber aesthetic, as well as resistance to severe climatic and biodeterioration conditions.



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COMPOSITE ARCHITECTURAL BEAMS

PROFILE SIZE OPTIONS

Lifespan hybrid aluminium composite beams are available in a range of sizes and shapes to suit your outdoor project design. Lifespan has been designed to meet industrial norms. However, building codes and standards may differ between jurisdictions or countries. Be sure to consult your local building codes before installing Lifespan composite beams.

Dimensions: 50 x 30 mm

Weight: 0.8 kg/m



Dimensions: 100 x 30 mm

Weight: 1.3 kg/m



Dimensions: 150 x 50 mm

Weight: 3.3 kg/m



LIFESPAN ACCESSORIES

IMAGE	COLOUR	SIZE	DESCRIPTION
	Savanna	50 x 30 mm	Wood-plastic composite end cap
	Rustek		
	Xavia		
	Savanna	100 x 30 mm	Wood-plastic composite end cap
	Rustek		
	Xavia		
	Savanna	150 x 50 mm	Wood-plastic composite end cap
	Rustek		
	Xavia		



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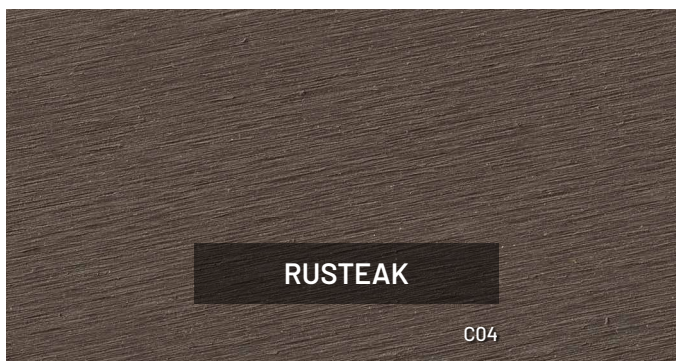
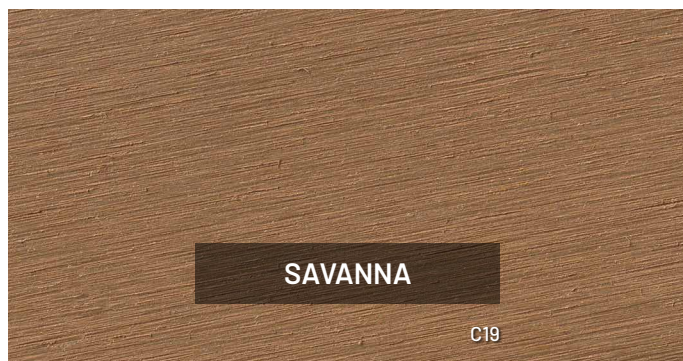
COMPOSITE ARCHITECTURAL BEAMS

TECHNOLOGY: **Eva-tech**

LIFESPAN IN EVA-TECH COLOUR TECHNOLOGY

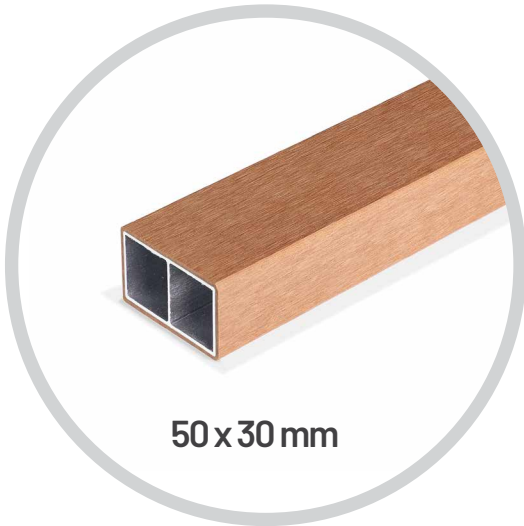


Brushed
Surface Finish



Note: Due to printing and/or screen variations, colours in this brochure may differ from the actual products. Physical samples will be sent for colour finalisation.

TRI-EXTRUDED ALUMINIUM BAMBOO COMPOSITE



50 x 30 mm

DECORATIVE BEAM

The 50 x 30 mm Lifespan decorative profile enhances your outdoor space with the look of a traditional timber baluster. This compact batten sized profile is a popular choice for creating durable screens, gates, pergolas and other low-maintenance outdoor architectural features.

Available in Eva-tech colour range

Dimensions	50 x 30 mm
Standard length	5.8 m
Weight	0.8 kg/m

Hollow aluminium composite beam



End caps available

Colour matched end caps create a finished look on beam ends.



100 x 30 mm

DECORATIVE BEAM

The 100 x 30 mm Lifespan decorative profile is a fan favourite in the Lifespan range, ideal for creating striking and durable outdoor pergolas, beams, privacy screens, or other attractive architectural features. Enjoy the look of timber beams without the upkeep and environmental toll.

Available in Eva-tech colour range

Dimensions	100 x 30 mm
Standard length	5.8 m
Weight	1.3 kg/m

Hollow aluminium composite beam

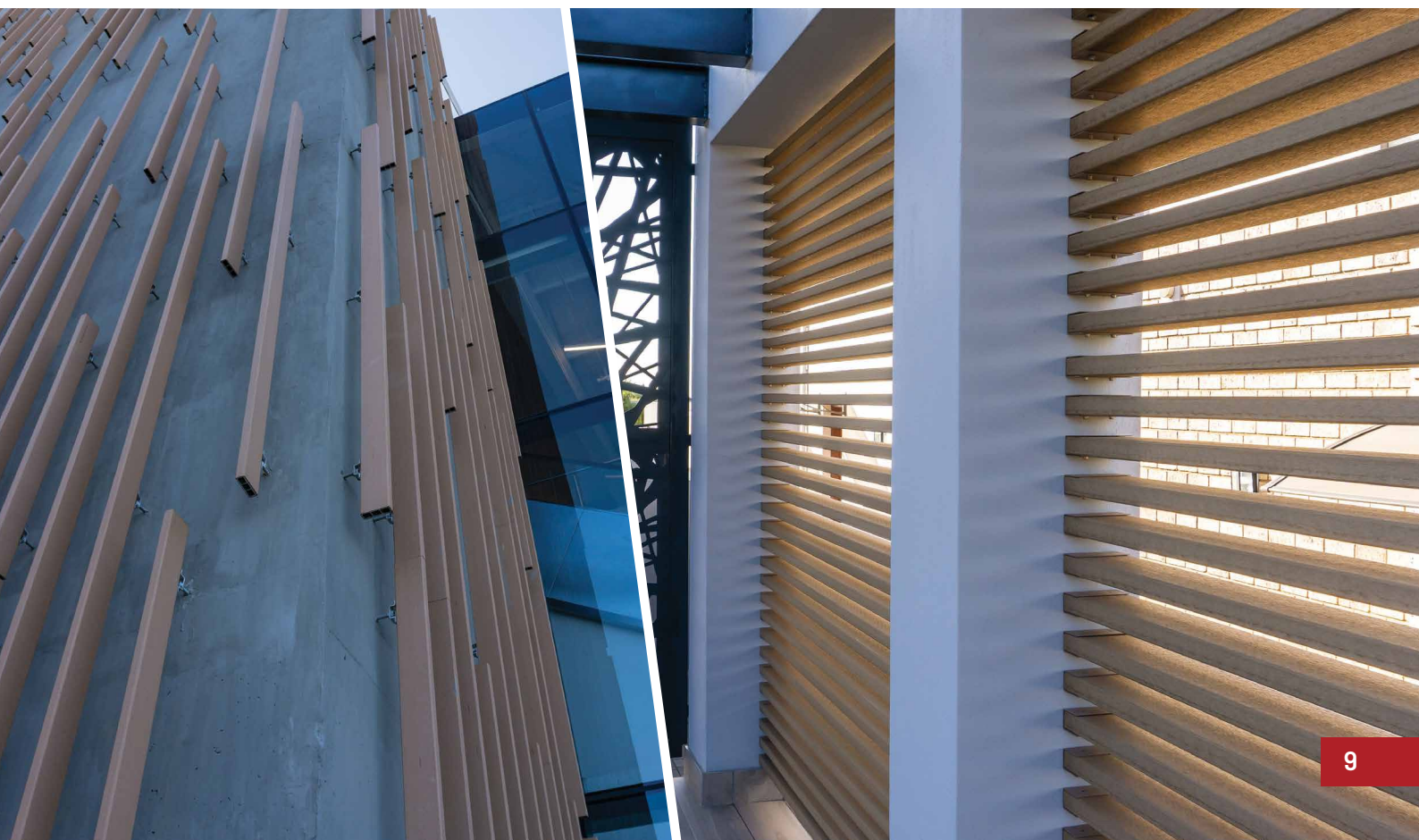


End caps available

Colour matched end caps create a finished look on beam ends.



Featured: **Eva-tech Clad Fascia**, **Rusteak**
Double sided square edge trim and clad fascia



TRI-EXTRUDED ALUMINIUM BAMBOO COMPOSITE



DECORATIVE BEAM

The 150 x 50 mm Lifespan decorative beam is a larger rectangular profile in the Lifespan range and creates a stately aesthetic for your outdoor space, ideal for use as an oversized pergola beam, privacy screen, or in conjunction with smaller Lifespan beams within the system.

Available in Eva-tech colour range

Dimensions	150 x 50 mm
Standard length	5.8 m
Weight	3.3 kg/m

Hollow aluminium composite beam



End caps available

Colour matched end caps create a finished look on beam ends.



NOTE: Due to printing and/or screen variations, colours in the brochure may differ slightly from the actual products.



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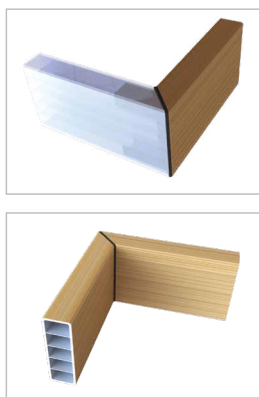
A NEW GENERATION OF CONCEALED CONNECTORS

Lifespan's new generation connectors have been designed with the utmost respect to typical load and durability. This unique range of connectors enables quick and easy installation of Lifespan posts and beams with the added advantage of being concealed ensuring fastening is discreet, for a seamless finish to any project.

BENEFITS OF THE NEW GENERATION LIFESPAN CONCEALED CONNECTORS

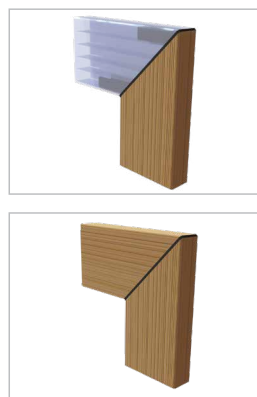
1. Designed with respect to typical loads and corrosion requirements
2. Quick & simple installation process
3. Concealed brackets for aesthetic finishes

CONCEALED BEAM SPLICE ASSEMBLY Short Mitre 90-degree



AVAILABLE IN	COMPATIBLE WITH
30 mm Bracket	100 x 30 mm Beam
50 mm Bracket	150 x 50 mm Beam

CONCEALED BEAM SPLICE ASSEMBLY Long Mitre 90-degree

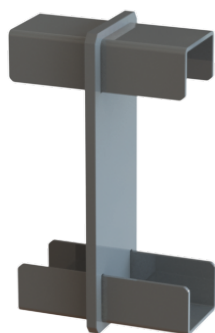
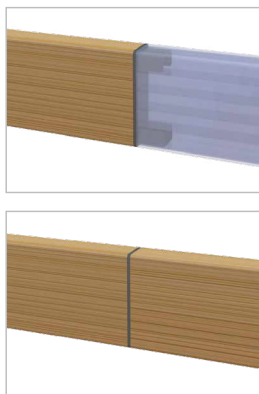


AVAILABLE IN	COMPATIBLE WITH
30 mm Bracket	100 x 30 mm Beam
50 mm Bracket	150 x 50 mm Beam

A 90-degree Mitre Splice profile creates a clean right corner for your outdoor installation by providing a simple yet secure perpendicular attachment between two Lifespan beams along their short or long edge. After cutting your Lifespan beams to a 45-degree angle, slip one side of the Splice bracket into the hollow chambers of the first beam and fasten the bracket to the beam with a screw on each wide face of the beam. Next, slide your second Lifespan beam over the remaining side of the bracket and repeat the fastening steps to establish a reliable miter joint for your project. Each Splice pack includes two brackets and eight dark brown fasteners.

CONCEALED BEAM SPLICE ASSEMBLY

Straight Splice



The Concealed Straight Splice gives your Lifespan installation a discreet yet reliable connection between two Lifespan beams running in the same direction. Join your two Lifespan beams by inserting one side of the Straight Splice bracket into the hollow chambers of the first beam. Secure the beam to the bracket by fastening two screws on the top face of the beam and two screws on the bottom face. Next, slide your second beam onto the remaining side of the bracket and repeat the fastening steps to create a dependable hold between the beams. Each Concealed Straight Splice kit includes one bracket and eight dark brown screws.

AVAILABLE COLOURS:
Rusteak / Savanna / Xavia

AVAILABLE IN	COMPATIBLE WITH
50 x 30 mm Bracket	50 x 30 mm Beam
100 x 30 mm Bracket	100 x 30 mm Beam
150 x 50 mm Bracket	150 x 50 mm Beam

CONCEALED CROSS CONNECTION PLATE



The Lifespan concealed cross connection plate allows you to enjoy a fastener-free finished look for your Lifespan pergola by offering a secure, hidden attachment between your Lifespan crossbeams. The colour-matched powder coated and galvanised steel plate is first attached to the bottom of the pergola crossbeams and then to the top of your Lifespan support beam, allowing the crossbeams to sit atop the support beam while keeping the connection plate out of sight.

AVAILABLE COLOURS:
Black

AVAILABLE IN	COMPATIBLE WITH
22 x 110 mm Bracket	50 x 30 mm Beam 100 x 30 mm Beam 150 x 50 mm Beam

CONCEALED CLIP-IN BRACKET ASSEMBLY



The Lifespan concealed clip-in bracket kit makes installing Lifespan beams vertically or horizontally simpler and gives your outdoor project a more polished and professional final look. The concealed clip-in bracket kit includes a powder coated and galvanised wall mount which can be attached to a wall or post where the Lifespan beam will eventually be installed. The kit's metal beam insert attaches with the fasteners included in the kit and is designed to fit within the hollow chambers of the Lifespan beam for a strong attachment.

AVAILABLE IN	COMPATIBLE WITH
30 mm Bracket	100 x 30 mm Beam
50 mm Bracket	150 x 50 mm Beam

CONCEALED RAFTER BRACKETS



Lifespan concealed rafter brackets offer a discreet yet long-lasting hold for your Lifespan beams and can be installed to support horizontal or vertical boards for more versatile outdoor project designs. The concealed rafter brackets sit within the hollow chambers of Lifespan beams and are fastened to Lifespan upright or vertical support beams with only one screw on each side to minimise the visibility of the fixing.

AVAILABLE IN	COMPATIBLE WITH
30 mm Bracket	50 x 30 mm Beam 100 x 30 mm Beam
50 mm Bracket	100 x 50 mm Beam

LIFESPAN U-BRACKET

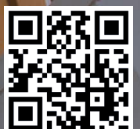


The Lifespan U-bracket builds a stable and dependable connection between your Lifespan beam and substrate. First, fasten the U-bracket to your substrate. Then carefully pre-drill holes in your Lifespan beam to align with the holes in the bracket. Next, slide the beam into the bracket. Slip the threaded rod through the aligned holes in the bracket and beam. Finally, secure the bracket by installing and tightening the provided washers and nuts to both ends of the rod. The Lifespan U-bracket is available in the complete Lifespan colour palette.

AVAILABLE IN	COMPATIBLE WITH
30 mm Bracket	100 x 30 mm Beam
50 mm Bracket	150 x 50 mm Beam

AVAILABLE COLOURS:
Rustek / Savanna / Xavia

Scan this QR code to download the full installation instructions for the Lifespan system.







LOW ENVIRONMENTAL IMPACT

Sustainable manufacturing & use of raw material



The mark of responsible forestry



CHOOSE SUSTAINABLE BUILDING MATERIALS



RENEWABLE RESOURCES & RENEWABLE ENERGY

We believe that how we manufacture is just as important as what we manufacture when it comes to going green. That's why we've traded in fossil fuels for renewable energy. Our products use solar power as part of our manufacturing process. We are fully committed to bringing you a product that's holistically sustainable.

Every Eva-Last outdoor range pairs recycled raw ingredients with bamboo for a stronger, more sustainable composite. Bamboo rejuvenates over 30 times faster than traditional hardwoods and it releases 35% more oxygen into our air. Eva-Last is internationally recognised for our commitment to the environment. We're proud of the work we do to promote environmental sustainability, and invite you to choose timber alternatives that are gentle on the Earth.

- Made from recycled materials
- No trees felled
- No treatment or toxic chemicals required for maintenance
- Solar power used in the manufacturing process
- Reduced impact on landfills
- Reduced carbon footprint

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