

# SUSTAINABLE BUILDING MATERIALS CATALOGUE



www.eva-last.co.za





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# INDEX

High quality, low-maintenance bamboo composite building materials, new-age building systems, and luxury SPC indoor flooring.





## DECKING

Eva-Last composite decking is designed to make any outdoor area more beautiful and more enjoyable. Choose from our three specialised bamboo composite decking brands.





## CLADDING

VistaClad bamboo composite cladding breathes vibrancy to your home or office space and enhances your walls with the attractive look of natural hardwoods.



# 34-37

## **ARCHITECTURAL BEAMS**

Lifespan hybrid aluminium architectural composite beams give you the creative freedom to build more memorable outdoor pergolas, screens, and other architectural design features.



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## **DECORATIVE BALUSTERS**

Eva-Last composite balusters add beauty and function to your outdoor space and can be used as screening, pergolas, or other creative exterior accents.

#### Disclaimer:

Although we make every effort to ensure the information contained in this catalogue is accurate, we are not responsible for any errors or misprint that occurs and we are not responsible for any damage or liability that result from the use (or misuse) of the information. In the event that an error does occur, we reserve the right to correct, or make changes to, this information at any time.



# 42-43

## RAILING

Eva-Last offers two specially designed, low-maintenance railing brands to add the ultimate finishing touch and safety measures to your outdoor space.



# 44-51 FASTENERS

HULK Fasteners offer higher performance and are a more efficient and discreet way to secure your decking without disrupting its final look.



# 52-55

# **INDOOR FLOORING**

TIER luxury stone plastic composite flooring is more liveable, more beautiful, and easier to maintain than traditional flooring options.



# 56-63

# STRUCTURAL SYSTEMS

Structural systems ensure that your decking substructure lasts just as long as your industry-leading Eva-Last composite decking boards.

#### Disclaimer:

Span data provided herein is indicative based on specific test load conditions (refer to your product Technical Data Sheet). Dimensional and mass data provided herein is indicative based on typical production and may vary with manufacture and material tolerance. Before installing any Eva-Last product, ensure that the application is rational and complies with the local regulations and building codes. Wherever necessary, consult a suitably qualified professional.



### A BRAND YOU CAN TRUST

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.

#### THE HASSLE-FREE ALTERNATIVE TO WOOD

Eva-Last composite offers the beauty of timber, but in a hassle-free, durable option that's longer lasting, virtually maintenance free, and eco-friendly. Cutting-edge engineering is bringing even greater structural advancements and lifestyle benefits to composite, and thoughtful detail to aesthetics now gives it an even more natural appearance in an expanded range of products, colours, and textures.

#### **PRODUCT CATEGORIES**



#### DECKING | CLADDING | ARCHITECTURAL BEAMS | FASTENERS | INDOOR FLOORING

Eva-Last technologies create endless possibilities for the design and overall function of your outdoor space. Visit our website, www.eva-last.co.za, for inspiration and find out more about which composite product will suit your needs best.



#### LOW ENVIRONMENTAL IMPACT

Holistically sustainable manufacturing & use of raw materials

When you choose Eva-Last, you're choosing the best solution for both you and the environment. Eva-Last products are the low-maintenance, reliable alternative to wood that consistently outperform timber and other composite materials. They're also the environmentally friendly material choice that is gentler on the Earth.





#### **BAMBOO WASTES LESS & PROVIDES MORE**

Eva-Last uses bamboo in its composite production. Bamboo can grow up to 50 times faster than timber and releases 35 percent more oxygen into our air than most hardwood trees. It can be made into composite with only 2 percent wastage (compared to over 80 percent wastage with timber), and is naturally antibacterial.

#### USE OF RECYCLED PLASTIC

By using recycled waste plastics, in combination with easily replenishable bamboo fibre, we are able to produce a highly durable composite product while saving millions of tons of plastic from entering landfills and oceans. Every year Eva-Last recycles over 26000 tons of plastic. Recycling one ton of plastic results in carbon dioxide savings of approximately 0.73 tons – the same as travelling 4 000 km in a car.

#### USE OF SOLAR POWER IN THE MANUFACTURING PROCESS

Traditional manufacturing is an energy-intensive endeavour. That's why Eva-Last took the decision to start moving towards manufacturing using solar energy. Since 2017, 32 858 solar panels, or 88 716 m<sup>2</sup> of solar panels, have been installed. This leads to a saving of 2 000 tons of  $CO_{2'}$  every single day.

Eva-Last has been at the forefront of the green building industry since its inception in 2007. We are dedicated to consistently improving how we serve the environment and our clients. From the recycled and renewable raw ingredients we use to create our products, to the solar power we harness to manufacture, we are proud to offer holistically sustainable building products.

Holistically sustainable building products, from a globally reputable brand

# TECHNOLOGIES

Eva-Last has developed a resilient collection of bamboo composite technologies, each with its own unique characteristics and set of benefits. These versatile materials can be used in a variety of applications such as decking, cladding, screening, pergolas, and architectural beams.





#### LIGHTWEIGHT, CAPPED BAMBOO-PVC COMPOSITE

Apex boasts an ultra-lightweight bamboo foamed-PVC core and an exceptionally natural looking dual tone finish.



nity

#### CAPPED BAMBOO COMPOSITE

Infinity leads the Eva-Last product range in terms of durability durability with a resilient polymer capping and bamboo-plastic composite core.





#### BAMBOO COMPOSITE

Eva-tech, the time-tested, original Eva-Last range, is the most cost-effective bamboo composite available.



# LUXURY BAMBOO COMPOSITE DECKING

HIME!

R

DECKING

COMPOSITE

ΒΑΜΒΟΟ

# Apex®

# LIGHTWEIGHT, CAPPED BAMBOO-PVC DECKING

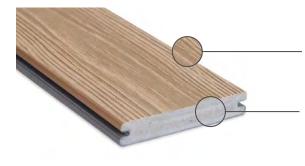
Apex sets the standard for the most natural looking composite decking. Its ultra-lightweight bamboo foamed-PVC core makes for easy installation and workability. Apex offers class-leading fire and slip resistance, and exceptional low-maintenance, requiring only the most basic of cleaning for optimal longevity. Its protective cap is made from a resilient acrylic polymer coating, offering fade, scratch, and stain resistance. Apex provides long-term decay and weather resistance by resisting insects, moisture, and the elements. Apex is also an environmentally friendly alternative to timber, with holistically sustainable manufacturing and use of raw materials.



#### PRODUCT COMPOSITION



Transform your outdoor space into a luxurious oasis with Apex capped bamboo foamed-PVC composite decking, the pinnacle of what today's composite can offer.



**Capping material:** Engineered acrylic polymer

#### Core material:

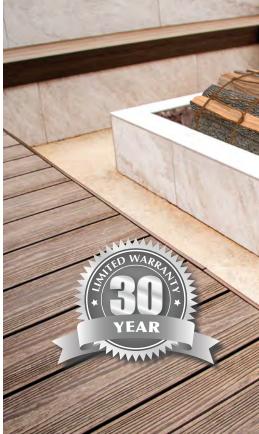
Bamboo foamed-PVC composite



FSC certified bamboo composite product



EUROCLASS B<sub>ri</sub> - s1 FIRE RATED





#### TAKE HOME THE BENEFITS







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BEAUTIFUL NATURAL LOOK Sets the standard for the most natural-looking composite



EXCEPTIONALLY LOW-MAINTENANCE Only the most basic of cleaning required for optimal longevity



**LIGHTWEIGHT** Ultra-lightweight bamboo-PVC core makes for easy installation



RESILIENT PROTECTIVE CAP Fade, scratch, & stain resistant acrylic polymer capping FIRE RESISTANT
Safer fire rated decking



DECAY & WEATHER RESISTANT Resists biodegradation, insects, moisture, & weather SLIP RESISTANT Overall best slip resistance in its class



ENVIRONMENTALLY FRIENDLY Holistically sustainable manufacturing & use of raw materials





#### **GROOVED BOARD AND SQUARE EDGE BOARD**





#### APEX GROOVED BOARD

The Apex single sided grooved board installs efficiently and securely with HULK hidden fastener clips which slot into the grooves along the edges of the board and create an uninterrupted final look.

#### APEX SQUARE EDGE BOARD

The Apex single sided square edge board is as versatile as it is durable, ideal for decking, deck and stair edges, and for use as attractive cladding or screening, and is fastened by top fixing HULK colour matching screws.

Dimensions

140 x 24 mm (5.45 m lengths)

Weight

2.5 kg/m

Recommended joist spacing

300 mm centre to centre

#### Apex grooved board



2

#### Fasteners



Compatible with S-Series clips and screws



10

Compatible with Chain collated clips

#### Dimensions

Weight

140 x 24 mm (5.45 m lengths)

2.6 kg/m

Recommended joist spacing

300 mm centre to centre

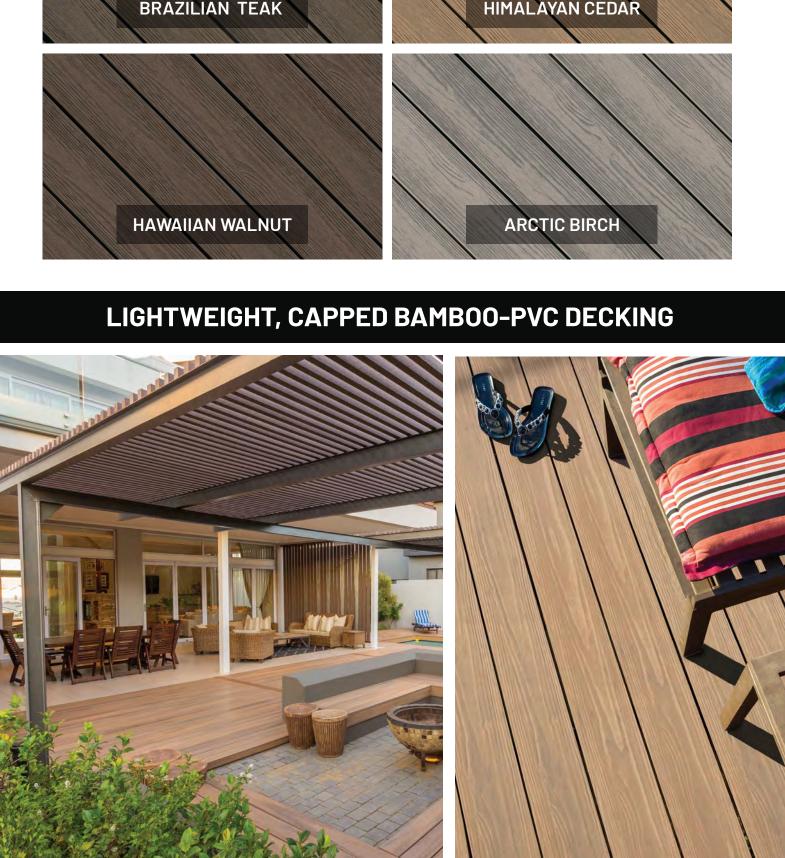
#### Apex square edge board

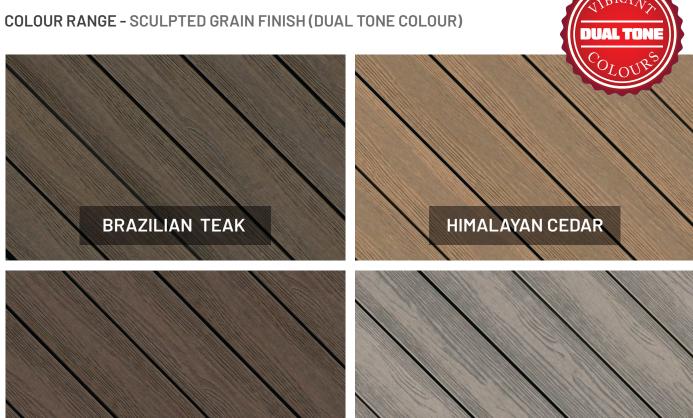
#### Fasteners



Uses HULK composite top fixing screws

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











#### APEX FASCIA BOARD

The Apex fascia board is a non-load bearing profile that adds a neat finish to deck sides or areas where trim is needed, and is fastened using colour matching HULK top fixing composite trim screws.

Dimensions

150 x 12 mm (2.2 m lengths)

Weight

Recommended joist spacing

1.4 kg/m

300 mm centre to centre

#### Apex fascia board

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#### Fasteners



Uses HULK composite trim screws

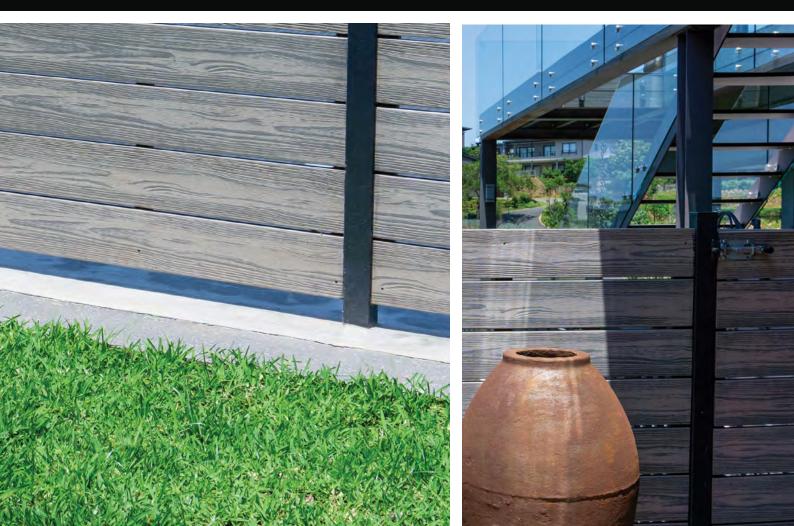




COLOUR RANGE - SCULPTED GRAIN FINISH (DUAL TONE COLOUR)



## LIGHTWEIGHT, CAPPED BAMBOO-PVC DECKING





# CAPPED BAMBOO COMPOSITE DECKING

Infinity bamboo composite is the ultimate in durability and one of the toughest co-extruded composite decking ranges available. Its resilient protective cap is made of an advanced polymer which resists scratches, fade, mould and mildew. This makes Infinity exceptionally low-maintenance, with only the most basic of cleaning required for optimal longevity. Infinity offers decay and weather resistance with top protection from biodegradation, insects, and harsh weather. Its streaked colour variation provides a natural look that embodies the essence of timber. Enjoy the stain and slip resistance of this environmentally friendly alternative to timber, which is holistically sustainable from its manufacturing to its use of raw materials.

#### PRODUCT COMPOSITION



Infinity IS combines all the benefits of durable Infinity bamboo composite with the advantages of I-Series to give you durable co-extruded composite decking. With Infinity IS you can enjoy the look of timber with its specialised streaked colour variation technology, and the environmental benefits of bamboo composite. The revolutionary I-beam design creates a cost-effective, lightweight board that uses less material, and maintains span capabilities, strength, and stiffness for a more efficient installation.



(P) PATENTED TECHNOLOGY Capping material: Engineered polymer

• Core material: Bamboo PE composite



FSC certified bamboo composite product





#### TAKE HOME THE BENEFITS



ULTIMATE DURABILITY One of the toughest co-extruded composites available



STAIN RESISTANT Protective cap prevents stains for longlasting beauty



RESILIENT PROTECTIVE CAP Advanced polymer cap resists scratches, fade, mould, & mildew



SLIP RESISTANT Thoughtfully engineered textured finish keeps you safer







EXCEPTIONALLY LOW-MAINTENANCE Only the most basic of cleaning required for optimal longevity



NATURAL LOOK Streaked colour variation for the look of timber



DECAY & WEATHER RESISTANT Top protection from biodegradation, insects, UV, & harsh weather



ENVIRONMENTALLY FRIENDLY Holistically sustainable manufacturing & use of raw materials

#### ADDED ADVANTAGES OF I-SERIES



**COST-EFFECTIVE** Revolutionary shape saves on transportation & installation



LIGHTWEIGHT Smart I-beam design is lighter by using less material



SPAN CAPABILITY I-Series offers the span potential of much heavier, solid boards



EFFICIENT INSTALLATION Simple to work with & requires less substructure



#### **GROOVED BOARD AND STARTER BOARD**







#### **INFINITY IS GROOVED BOARD**

The Infinity IS single sided grooved board installs efficiently and securely with HULK hidden fastener clips which slot into the grooves along the edges of the board and create an uninterrupted final look.

2.8 kg/m



The Infinity IS single sided starter deck board offers one grooved edge and one solid edge, making it perfect for deck perimeters, picture framing decks, and creating stair edges. It fastens with a combination of HULK hidden fasteners and colour matched HULK composite decking screws.

Dimensions

135 x 25.4 mm (5.45 m lengths)

Weight

Recommended joist spacing

400 mm centre to centre

#### Infinity IS grooved board



#### Fasteners



Compatible with S-Series clips and screws



Compatible with Chain collated clips

Dimensions

Weight

135x 25.4 mm (5.45 m lengths)

2.7 kg/m

Recommended joist spacing

400 mm centre to centre

#### Infinity IS starter board



#### Fasteners



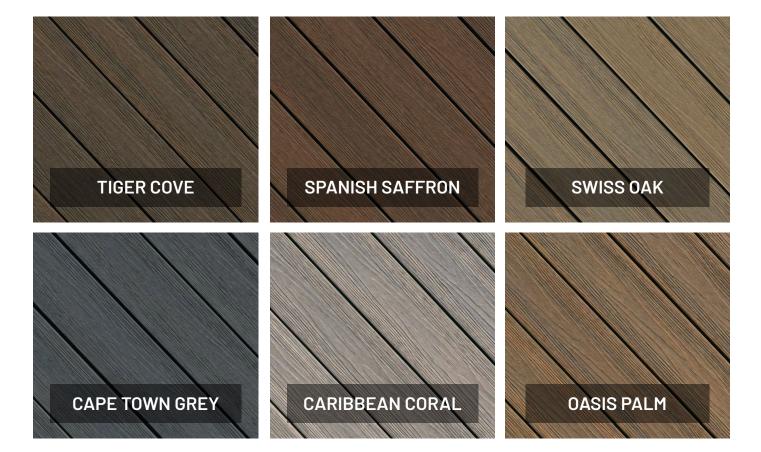
Compatible with S-Series clips and screws



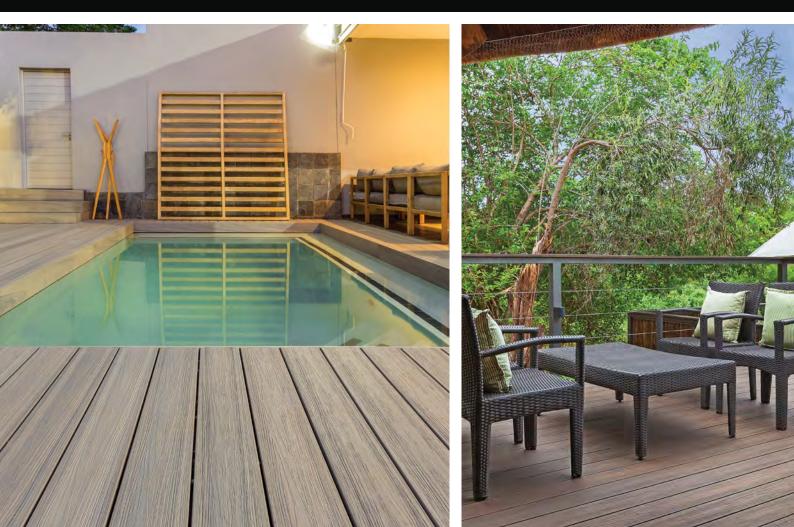
Compatible with Chain collated clips



Uses HULK composite top fixing screws



## LIGHTWEIGHT, CAPPED BAMBOO COMPOSITE DECKING





#### INFINITY TRIM FASCIA BOARD

The Infinity single sided fascia board is a non-load bearing profile that adds a neat finish to deck edges or areas where trim is needed. It is neatly fastened by top fixing colour matching HULK composite trim screws.

Dimensions

150 x 12 mm (2.2 m lengths)

Weight

2.3 kg/m

Recommended joist spacing

400 mm centre to centre

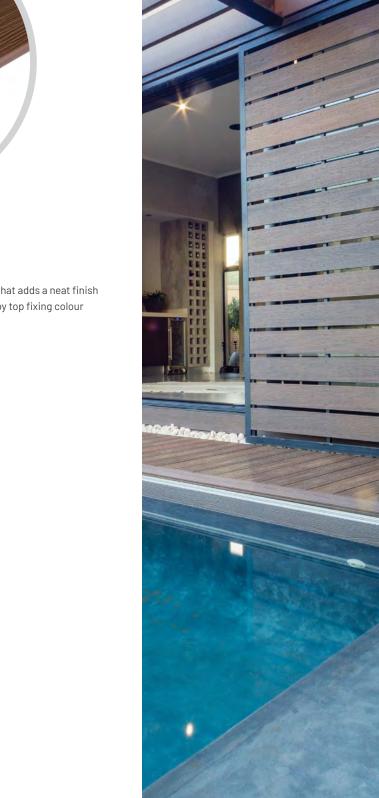
#### Infinity trim fascia board

(

#### Fasteners



Uses HULK composite trim screws



#### **COLOUR RANGE - SCULPTED GRAIN FINISH**



**COLOUR RANGE - CARVED FINISH** 



# **Eva**-tech

# BAMBOO COMPOSITE DECKING

Eva-tech is a cost-effective, uncapped bamboo composite decking product. It offers slip resistance for safer, more beautiful decking, and is a low-maintenance alternative to timber, offering the look of natural wood without the constant upkeep. Its reliable durability is long-lasting, and its decay and weather resistance provides protection from biodegradation, insects, and harsh weather. This environmentally friendly composite is holistically sustainable from its manufacturing to its use of raw materials.

#### PRODUCT COMPOSITION



Eva-tech IS combines all the benefits of Eva-tech with the advantages of I-Series to give you costeffective bamboo composite decking. The revolutionary I-beam design creates a lightweight board that uses less material, maintains span capabilities, strength, and stiffness for more efficient installation that requires less substructure, and saves on transportation and labour.



P PATENTED TECHNOLOGY

**Core & surface material:** Bamboo PE composite



FSC certified bamboo composite product





#### TAKE HOME THE BENEFITS



Long-lasting bamboo composite decking

#### **ADDED ADVANTAGES OF I-SERIES**



**COST-EFFECTIVE** Revolutionary shape saves on transport, installation, & performance



**SLIP RESISTANT** Safer, more beautiful decking



LIGHTWEIGHT Smart I-beam design is lighter by using less material







50LA



LOW-MAINTENANCE The look of natural wood, without the constant upkeep



**DECAY & WEATHER RESISTANT** Protection from biodegradation, insects, &

harsh weather



**INCREASED SPAN** Stronger & stiffer with leading span capability



**EFFICIENT INSTALLATION** Simple to work with & requires less substructure



#### WYDE FINISH





#### **EVA-TECH IS GROOVED BOARD**

The Eva-tech IS single sided grooved board installs efficiently and securely with HULK hidden fastener clips which slot into the grooves along the edges of the board and create an uninterrupted final look.



#### **EVA-TECH IS STARTER BOARD**

The Eva-tech IS single sided starter board offers one grooved edge and one solid edge, making it perfect for deck perimeters, and stairs. It fastens with a combination of HULK hidden fasteners and colour matched HULK composite decking screws.

Dimensions

137 x 23.4 mm (5.45 m lengths)

Weight

2.3 kg/m

Recommended joist spacing

350 mm centre to centre

#### Eva-tech IS grooved board



#### Fasteners



Compatible with S-Series clips and screws



Compatible with Chain collated clips

Dimensions

Weight

Recommended joist spacing

137 x 23.4 mm (5.45 m lengths)

2.8 kg/m

350 mm centre to centre

#### Eva-tech IS starter board



#### Fasteners



Compatible with S-Series clips and screws

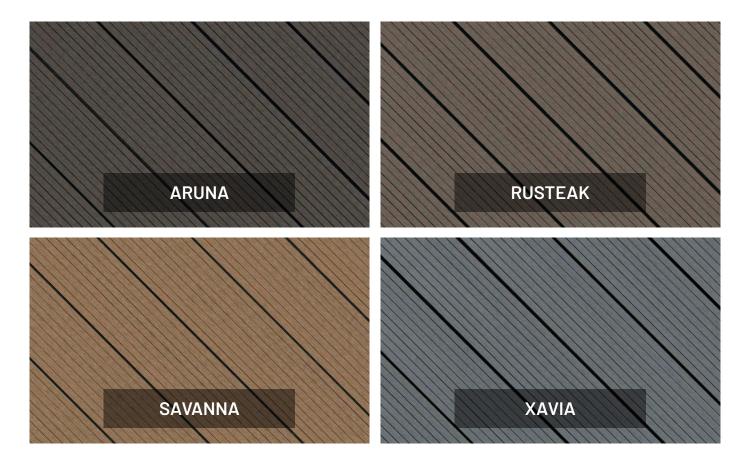


Compatible with Chain collated clips

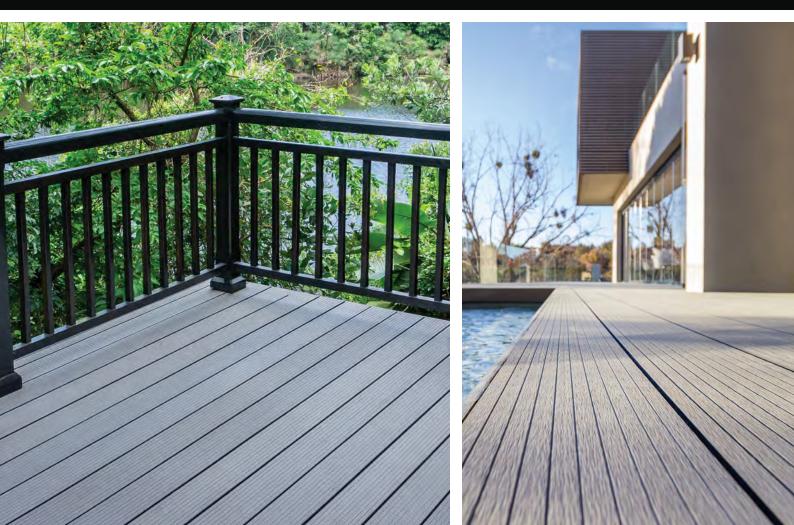


Uses HULK composite top fixing screws

**COLOUR RANGE - WYDE FINISH** 



## **BAMBOO COMPOSITE DECKING**











#### **EVA-TECH IS DUAL TONE GROOVED BOARD**

The Eva-tech IS single sided grooved board installs efficiently and securely with HULK hidden fastener clips. This dual tone finish in I-Series offers a more beautiful composite finish with enhanced dual tone colour for the look of natural timber.

Dimensions

139 x 23.4 mm (5.45 m lengths)

Weight

Recommended joist spacing

2.4 kg/m 350 mm centre to centre

Eva-tech IS dual tone grooved board



#### Fasteners



Compatible with S-Series clips and screws



Compatible with Chain collated clips

#### **EVA-TECH IS DUAL TONE STARTER BOARD**

The Eva-tech IS single sided starter board offers one grooved edge and one solid edge, making it perfect for deck perimeters, and stairs. This dual tone board fastens with a combination of HULK hidden fasteners and colour matched HULK composite decking screws.

Dimensions

Weight

2.8 kg/m

Recommended joist spacing

350 mm centre to centre

139 x 23.4 mm (5.45 m lengths)

#### Eva-tech IS dual tone starter board



#### Fasteners



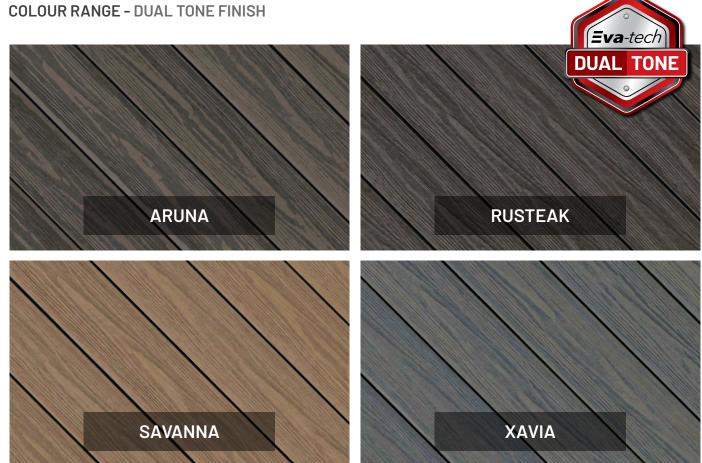
Compatible with S-Series clips and screws



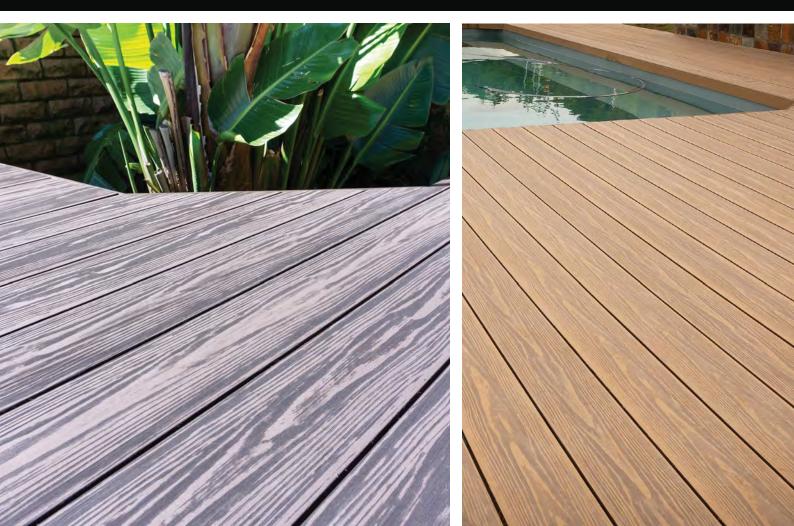
Compatible with Chain collated clips



Uses HULK composite top fixing screws



## **BAMBOO COMPOSITE DECKING**









#### EVA-TECH TRIM FASCIA BOARD

The Eva-tech double sided trim fascia board is a non-load bearing uncapped bamboo composite decking utility profile. The fascia colours match Eva-tech IS decking profiles and offer the ideal finish to deck edges and areas where trim is needed. HULK composite trim screws are available in a range of colours and provide an invisible fastening of the trim fascia board.

Dimensions

Weight

148 x 11 mm (2.2 m lengths)

2.2 kg/m

Recommended joist spacing

350 mm centre to centre

#### Eva-tech trim fascia board

#### Fasteners



Uses HULK composite trim screws



#### EVA-TECH CLAD FASCIA BOARD

The Eva-tech double sided clad fascia board is a non-load bearing profile that adds a neat finish to deck edges, stairs and areas where larger trim is needed. It is top fixed using colour matching HULK composite trim screws.

Dimensions

Weight

246 x 16 mm (2.2 m lengths)

5.5 kg/m

Recommended joist spacing

350 mm centre to centre

#### Eva-tech clad fascia board

Fasteners



Uses HULK trim screws

#### **COLOUR RANGE - WYDE FINISH**



#### **COLOUR RANGE - 3D TREAD FINISH**





# ADVANCED BAMBOO COMPOSITE CLADDING

VistaClad cladding boards in Infinity co-extruded capped bamboo composite offer exceptional durability. The hardy cellulose polymer core of Infinity is wrapped in a robust outer layer for a resilient composite. Infinity offers a low-maintenance, eco-friendly alternative to conventional cladding in a selection of natural finishes. Enjoy its resistance features, such as protection against scratches, fading, moisture, insects and weather, all backed by a 25 year warranty.

#### PRODUCT COMPOSITION



PATENTED TECHNOLOGY

Capping material:
Engineered Polymer

Core material:
Bamboo PE composite



FSC certified bamboo composite product





#### TAKE HOME THE BENEFITS





DE





CLIP LOCK DESIGN Boards securely click & lock into place to withstand strong winds



LOW-MAINTENANCE Ideal for large-scale projects & application at height



COMPLETE CLADDING SOLUTION Innovative system with concealed fastening & trim for a finished look

**DECAY & WEATHER RESISTANT** 

Resists biodegradation, corrosion, insects,

UV, & harsh weather



LIGHTWEIGHT Smart system engineered for lighter weight & better air flow



COST-EFFECTIVE SYSTEM Save on fast, simplified installation & overall upkeep



VENTILATED & INSULATED Design allows for system ventilation & natural insulation



ENVIRONMENTALLY FRIENDLY Holistically sustainable manufacturing & use of raw materials

#### BAMBOO COMPOSITE CLADDING

The VistaClad system combines Eva-Last's composite technologies with an innovative installation process to provide a robust and convenient cladding solution. The resultant hidden fixing generates an unblemished finish and avoids the limitations or inconvenience of fastening through composite.









CLIP STRIP

ADAPTERS & TRIM PROFILES





# <u>Infinity</u>®



#### COLOUR RANGE - BRUSHED FINISH

#### COMPOSITE CLADDING BOARD

The tongue and groove profile design interlocks the boards, suppling system tolerance whilst improving load distribution and reduction of moisture ingress.

VistaClad cladding boards in Infinity capped bamboo composite provide a hassle-free, attractive cladding option in a highly resilient material option that is protected from the elements by a specially engineered polymer coating. VistaClad cladding boards in Infinity are available in the full range of natural looking Infinity colours.

Dimensions

Weight

159.5 x 22.5 mm (5.45 m lengths) 2.3 kg/m

Recommended joist spacing

450 mm from edges 600 mm centre to centre







#### **CLIP STRIPS**

The VistaClad clip strip uses a punched spring design that allows matching board profiles to be easily and securely clicked into place. Three epoxycoated, zinc-galvanised strip profiles provide flexibility in application, ventilation, and drainage.



#### **FLAT CLIP STRIP**

The flat clip strip is fitted directly to the wall substrate or frame. As a result, this solution provides the smallest ventilation/drainage cavity and fixing can only be done through the face of the profile.

40 x 11.7 mm (1.8 m lengths)

0.4 kg/m

#### **CHANNEL CLIP STRIP**

The channel clip strip fits over 38 mm (timber) and 40 mm (composite and steel) supports. As a result, the ventilation/drainage cavity will be influenced by the thickness of the support but the minimum depth the channel profile allows for is 23.5 mm. Fixing can be done through the face or the side of the profile. Fixing through the side allows for the channel to be plumbed quickly and easily.

45.4 x 34.1 mm (2.7 m lengths)

0.8 kg/m

#### **TOP HAT CLIP STRIP**

The top hat clip strip fits over 38 mm (timber) and 40 mm (composite and steel) supports. As a result, the ventilation/drainage cavity will be influenced by the thickness of the support as well as the fixing method but the minimum depth the top hat profile allows for is 25.4 mm. Fixing can be done through the face, the side and either side of the profile base. Fixing through the side allows for the top hat to be plumbed

85.4 x 35.9 mm (2.7 m lengths)

1.2 kg/m

#### Horizontal and vertical applications

VistaClad is conveniently versatile. The same components and approach are employed for the installation of boards in vertical, horizontal, and even diagonal laying patterns.



Nylon adaptors

Aluminium profiles



External corner adaptor



Universal

trim profile

Top and

bottom adaptor



Internal corner

Side adaptor



Internal corner

adaptor





External corner trim profile

trim profile

T trim profile

U trim profile

Edge trim profile

#### **Trim applications**

Trim accessories hide the structure for a neat final look and can be installed using sealing strips to improve the weather resistance of the cladding surface. The clip strip allows for easy guided placement of the adaptors and the universal trims may be used with VistaClad or any cladding boards with a thickness of 20.5 to 26.5 mm.

Internal corner

adaptor and



Top and bottom adaptor and universal trim profile

Top and bottom reveal applications



External corner adaptor and trim profile



corner reveal applications



T trim profile



Side adaptor and

edge trim profile

Butt joins and edges reveal applications

U trim profile







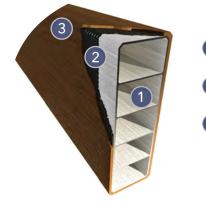
# TRI-EXTRUDED ALUMINIUM BAMBOO COMPOSITE

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.

PHOTOGRAPHY CREDIT: PATRICK KING PHOTOGRAPHY COPYRIGHT © RADISSON RED HOTEL - ALL RIGHTS RESERVED.

#### PRODUCT COMPOSITION





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

The Lifespan aluminium skeleton significantly enhances dimensional and flexural stability. A modified copolymer adhesive incorporated in a tri-extrusion process ensures robust bonds between the different elements.

The outer protective composite coating is made of Eva-tech engineered bamboo composite and completes the system by providing an aesthetic finish, resistant to severe climatic and biodeterioration conditions.





#### HYBRID ALUMINIUM BAMBOO COMPOSITE BEAMS WITH PURPOSE

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 its beauty.



PERGOLAS



PRIVACY SCREENS



CLADDING & SOFFITS

DECORATIVE ARCHITECTURE

#### TAKE HOME THE BENEFITS







**DESIGN VERSATILITY** Architectural beams offer a diverse range of aesthetic applications



Reinforced bamboo composite beam with built-in aluminium core



LIGHTWEIGHT DESIGN Specialised aluminium core for easier installation at height



DECAY & WEATHER RESISTANT Resists biodegradation, corrosion, insects, & harsh weather



LOW-MAINTENANCE The look of timber beams without the upkeep



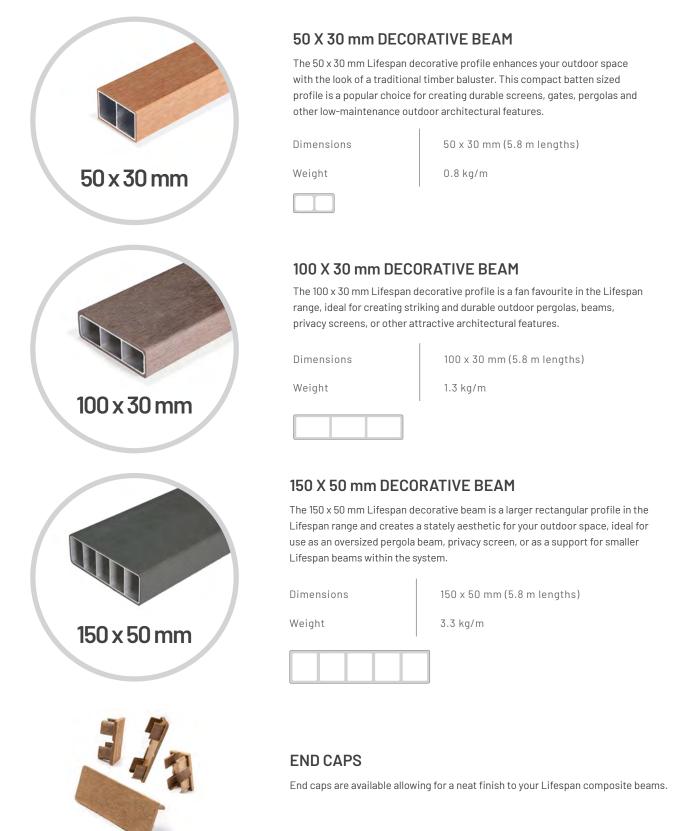
FADE RESISTANT Built-in UV protection for beautiful durability





#### TRI-EXTRUDED ALUMINIUM BAMBOO COMPOSITE

Lifespan hybrid aluminium architectural composite beams give you the creative freedom to build more memorable outdoor architectural designs. These multipurpose beams have the functionality, resiliency, and beauty to make your project remarkable. Whether you choose to use Lifespan beams for pergolas, entryways, dramatic screening, or your own creative architectural vision, revel in the feeling of building something truly innovative.



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COLOUR RANGE - BRUSHED SOFTWOOD FINISH

TECHNOLOGY: **Eva**-tech



# TRI-EXTRUDED ALUMINIUM BAMBOO COMPOSITE





# DECORATIVE BALUSTERS

Eva-tech bamboo composite decorative balusters add beauty and function to your outdoor space and can be used as screening, pergolas, or other creative exterior accents. Solid balusters are suitable for a wide range of applications. Add a touch of style, shade, privacy, or liveability with Eva-tech composite decorative balusters.

# **BAMBOO COMPOSITE DECORATIVE BALUSTERS**

Eva-tech composite balusters are small rectangular profiles perfect for creating decorative architectural designs and privacy screens. These versatile profiles can be used in many ways and come in a range of natural colours which allows architects or homeowners to let their imaginations run wild.



Eva-Last balusters are available in Eva-tech bamboo composite material technology and are made from lightweight bamboo composite, designed for long-lasting weather resistance, including protection against insects, moisture, and fading.



# TAKE HOME THE BENEFITS



NATURAL LOOK



SCRATCH RESISTANT



LOW-MAINTENACE





FADE RESISTANT





WEATHER & DECAY RESISTANT

ENVIRONMENTALLY FRIENDLY







# **EVA-TECH BALUSTER**

The Eva-tech solid baluster, or batten, made from low-maintenance, cost-effective Eva-tech bamboo composite, is a solid profile that offers design creativity for vertical and horizontal applications in the Eva-tech range of natural colours. Install the balusters as is or use them as privacy screening, pergolas, or other creative exterior applications.

Dimensions

40 x 30 mm (2.9 m lengths)

Weight

1.7 kg/m

### Eva-tech baluster



Fasteners

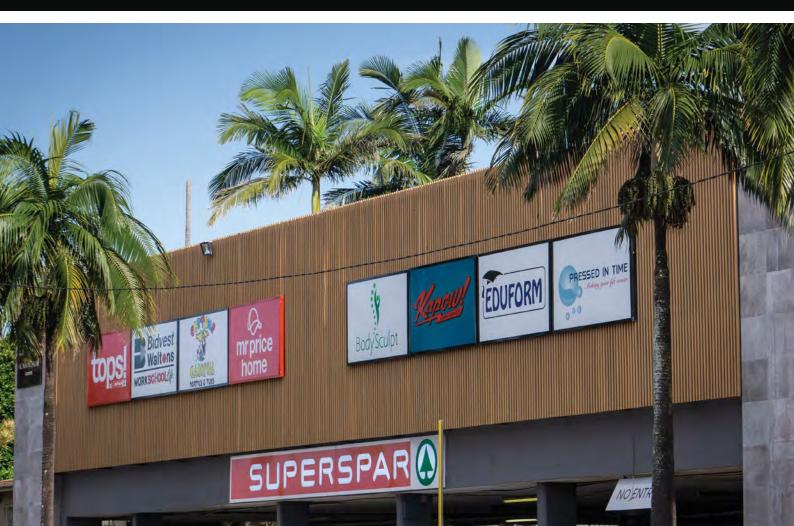


**Top fixing for screening** Uses HULK composite top fixing screws





# **DECORATIVE BALUSTERS**



# RAPIDRA I

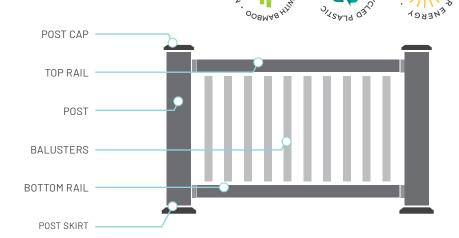
# INTEGRATED COMPOSITE RAILING SYSTEMS

RapidRail eco-friendly composite railing offers long-lasting reliability and safety in a selection of natural colours, sizes, and styles, and is designed to work with a variety of decking materials and accessories. As its name suggests, RapidRail installs rapidly and easily using smart configurations which reduce the number of connections required. Available in Infinity or Eva-tech composite technologies by Eva-Last, RapidRail offers protection from insects, moisture, decay, and harsh weather.



# PRODUCT COMPOSITION





# TAKE HOME THE BENEFITS



**LOW MAINTENANCE** Requires only the most basic of cleaning for optimal longevity



RAPID & EASY INSTALLATION Designed for precise, efficient, & cost-effective installation



FULLY CUSTOMISABLE Compatible with other railing styles & materials

MOISTURE RESISTANT

& other moisture issues

Protection from mould, mildew, rot,



**INSECT RESISTANT** Protection from damage caused by termites & other insects



ENVIRONMENTALLY FRIENDLY Holistically sustainable manufacturing & use of raw materials

# **RAILING OPTIONS**

Choose from a range of bamboo composite balustrade styles to suit the look and functionality of your outdoor space with RapidRail. RapidRail is designed to be easily customisable, and can be paired with different railing systems to provide greater versatility. The RapidRail composite posts accommodate composite railing or high visibility stainless steel cable. RapidRail can perfectly match or complement your composite deck.





Top-class durability with a 25 year warranty



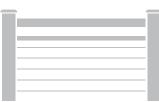


Reliable durability with a 10 year warranty

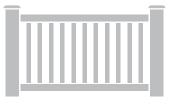
## **COLOUR RANGE - BRUSHED SOFTWOOD FINISH**



## COLOUR RANGE - BRUSHED SOFTWOOD FINISH



Stainless steel cable railing



Composite railing







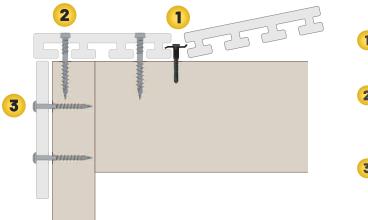
# HULK FASTENERS

# RELIABLE DECKING FASTENER SYSTEMS

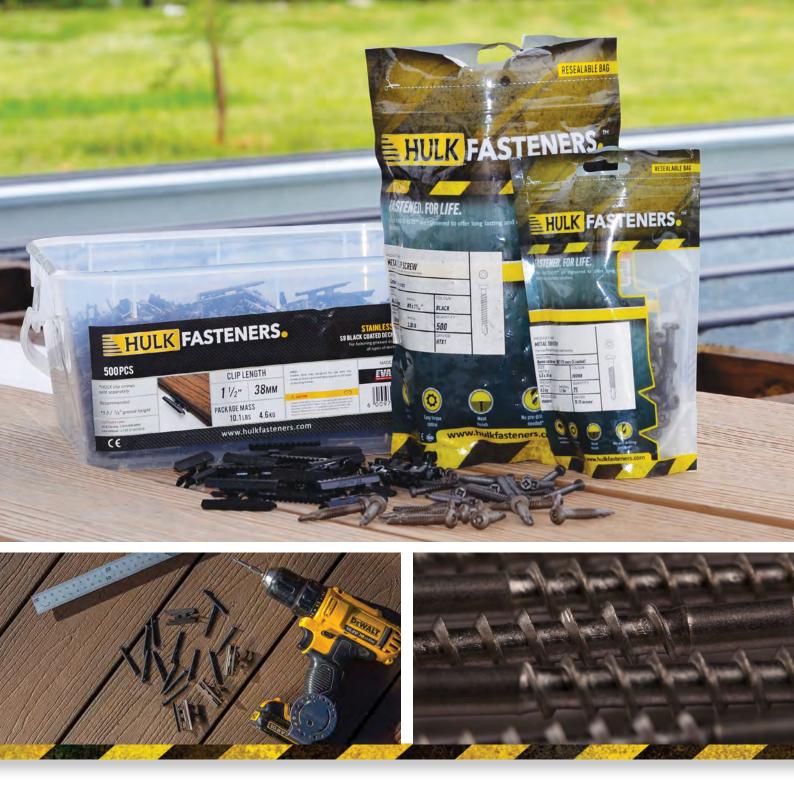
HULK Fasteners are purposefully designed to make composite or timber decking installations more efficient and straightforward by providing highly durable hidden fastener options that fit neatly into the edges of grooved boards, as well as a range of colour matching top fixing screws. These fasteners are created to match the warranties of the leading composite decking boards on the market and are available in a range of colours to complement the look of your decking of choice.

# DESIGNED FOR PROFESSIONALS. PERFECT FOR NOVICES.

HULK Fasteners offer high performance and are a more efficient and discreet way to secure your decking without disrupting its final look.



- Hidden Clip & Clip Screw
- 2 Composite Decking Screw (CDS) for timber frames or Metal Decking Screw (MDS) for metal frames
- Composite Trim Screw for timber frames or Metal Trim Screw for metal frames



# FASTENED. FOR LIFE.





COLOUR MATCHED AESTHETIC



NEAT SURFACE FINISH



FAST AND EASY INSTALLATION



# **HIDDEN FASTENERS**

HULK hidden fasteners give decking projects a seamless finish and a reliable attachment. Use clips for their specifically designed applications for best results.

### **CLIP & CLIP SCREW PRODUCT RANGE**

# **S-SERIES CLIP**

Eva-Last created the S-Series clip to match the life expectancy and durability of Eva-Last composite decking materials. This product laid the foundation for the hidden fastener: no more protruding screws, no more ruined finishes, no more untidy aesthetics.

These clips are designed to be used with HULK clip screws to provide a hidden fastening system that gives a clean, neat finish to your deck installation.



Use for fastening grooved deck boards with a foot height of approximately 6 mm. The S6 clip works with both the metal and timber clip screw.



#### S9 CLIP

Use for fastening grooved deck boards with a foot height of approximately 9 mm. The S9 clip works with both the metal and timber clip screw.

### TIMBER CLIP SCREW

# A state in the interference in the interfer

This screw is specifically designed for use with the HULK hidden deck clips to fasten the deck boards to timber substructure. No pre-drilling required.\*

**Dimensions:** M4.2 x 40 mm

**Material options:** Stainless steel (SS 316) Carbon steel (C 1022)

Available in packs of:

COMPATIBLE WITH S-SERIES CLIP AND COLLATED CLIP





Units per square metre:

18 - 25 screws

Bit included:

\*Unless specified by decking or substrate manufacturer

# Key features of HULK clip screws:

- 1. The pan head works perfectly with HULK clips.
- 2. The flat bottom shape of the screw is designed to rest securely on top of a HULK clip, preventing movement and damage.
- 3. The thread and shaft work seamlessly with the substructure and HULK decking clips.
- 4. The tip of the clip screw and composite deck screw is the same, making them highly versatile.
- 5. Both HULK clips and clip screws are dark in colour, camouflaging them between deck boards.

### METAL CLIP SCREW



Units per square metre:

18 - 25 screws

Bit included:

T15

This screw is specifically designed for use with the HULK hidden deck clips to fasten the deck boards to metal substructure. Suitable for metal structures between 0.8 mm and 2.0 mm. No pre-drilling required.\*

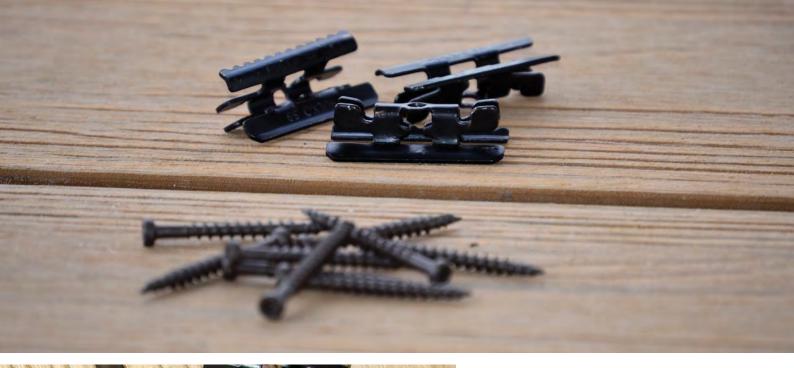
Dimensions: M4.2 x 31 mm

Material: Carbon steel (C1022)

Available in packs of: 125

COMPATIBLE WITH S-SERIES CLIP AND COLLATED CLIP









S-series clip and screw





### **TOP FIXING SCREWS**

### **COMPOSITE DECK SCREW (CDS)**



This screw is specifically designed for fastening 20 to 30 mm composite deck boards onto timber frames. Countersinking heads are coloured to match your deck to leave a neat surface finish.



### **METAL DECK SCREW (MDS)**



Use the metal deck screw for fastening 20 to 25 mm thick composite deck boards onto most metal frames without having to pre-drill unless specified by the decking manufacturer. This screw is suitable for fastening deck boards onto metal frames of up to 2.0 mm without having to pre-drill; thereafter it is advisable to pre-drill. The detachable reamer wing is only operational in steel upward of 0.8 mm thick. For a tight grip ensure that the wing has broken off.

#### AVAILABLE IN A VARIETY OF COLOURS TO MATCH YOUR DECK



### TIMBER TRIM SCREW



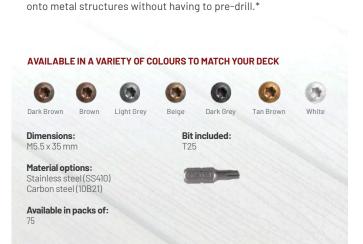
Use the timber trim screw for fastening composite or timber fascia boards of up to 18 mm thick onto timber frames without having to pre-drill unless specified by the decking manufacturer. It is suitable for softwood and most hard-woods frames. Pre-drilling may be required for dense hardwood frames.



\*Unless specified by decking or substrate manufacturer

The screw is specifically designed for the vertical application of thinner composite profiles ranging from 10 to 18 mm thickness

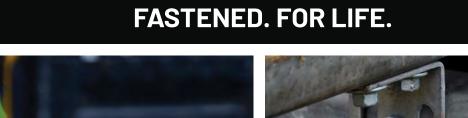
**METAL TRIM SCREW** 



### FRAMING SCREWS

#### **TIMBER FRAME SCREW TEK SCREW** ((())) Contration for the for the for the land and an This screw is specifically designed for fastening hardwood and This screw is specifically designed with a self-drilling tip for fixing steel to steel, such as fixing metal frames to metal frames, without softwood timber in a single or double level frame application. having to pre-drill.\* **Dimensions:** M5.5 x 25 mm Dimensions: Bit required (not included): Bit required (not included): M6.0 x 80 mm | M6.0 x 100 mm T30 13 mm Hex bit socket driver Material: Material: Carbon steel (C1022) Carbon steel (C1022) Available in packs of: Available in packs of: 50 | 350 100 200

\*Unless specified by decking or substrate manufacturer











# UNIVERSAL COLLATED HIDDEN DECK FASTENER

Chain collated clips are innovatively engineered to work with composite or timber boards of varying thickness and with timber or metal frames for a more cost-effective and efficient installation. Chain offers superior durability and strength, a discreet appearance, and easier post-installation access and board removal.

# GET THE JOB DONE FASTER.

Chain collated clips save you time and money by streamlining installation with pre-loaded screws that offer cutting-edge performance for the entire lifespan of your deck. Enjoy a simpler installation and a more secure long-term fastener that complements the overall look of your deck.



Stainless steel clip with polymer coating

STAINLESS STEEL

Preloaded with screw for ease of installation

# FEATURES AND BENEFITS



MORE EFFICIENT INSTALLATION Collated system comes pre-loaded with screws for quicker installation



### DURABLE

Stainless steel clip with a protective polymer coating for extended outdoor longevity



### INNOVATIVE ENGINEERING

Cost-effective use of materials without affecting grip strength or overall clip performance



### UNIVERSAL APPLICATION

Works with timber & composite boards of variable thickness & groove depths



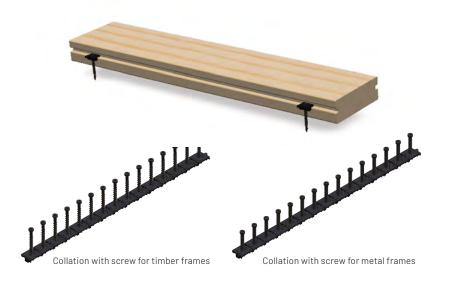
#### STRENGTH IN SIZE Proven strength in uplift holding power & preventing lateral movement of boards



EASIER POST-INSTALLATION ACCESS More convenient post-installation board removal with direct overhead fastener access

# CHAIN COLLATED CLIPS

Chain collated clips offer a smarter solution for creating an outdoor decking oasis. Each clip is pre-loaded with either a timber or metal frame screw for ease of installation. Like all Eva-Last products, Chain collated clips are built on the principle of longevity. The durable and high quality materials of Chain collated clips, make installations more efficient and longer lasting, for both professionals and novices alike.

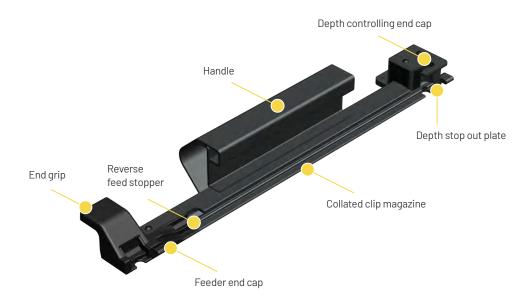






# **CHAIN HAND TOOL**

The Chain hand tool adds value to the Chain collated clip system by maximising installation efficiency. The hand tool creates precise fastening thanks to its built-in depth control system that eliminates installation errors and weak connections. The hand tool is compatible with a wide range of composite and timber board sizes, ergonomically designed for ease of use, and made from high quality materials for long-lasting reliability.







Fabulous, functional, forever.

# MORE THAN just beauty

Embrace the look of natural timber floors with the benefit of a more resilient offering that is designed to handle all life's mishaps, at home or in the office. Enjoy a softer, quieter floor underfoot that offers a beautiful aesthetic, whilst also being an environmentally friendly product choice letting you rest easy in the knowledge that you are doing your part to preserve the planet for future generations.



# TIERS OF TIER

# LUXURY SPC INDOOR FLOORING With CarbideCore technology

rbiaeCore technology

**WEAR LAYER** UV, scratch, and slip resistant

PRINT LAYER Photorealistic print technology

CARBIDECORE *Solar* energy

**SOFT INSULATING FOAM** Reduces noise and allows for a softer underfoot feeling



### Made with solar energy

TIER flooring is manufactured using solar power. This greatly reduces its carbon footprint to help protect the Earth and brings you peace of mind.



**Euroclass B**<sub>fl</sub> - s1 TIER flooring has a Euroclass Bfl - s1 fire reaction rating, making it a safer and more reliable product for your residential or commercial application.



# BENEFITS

**LOVE** your floors



STABLE



WATER RESISTANT



SOUND SUPPRESSION



INSTALLATION





TIER luxury flooring provides the beauty of wood in a Stone Polymer Composite (SPC) that is heat resistant, making it stable and ensuring no movement over time. Its water resistant click installation system prevents moisture ingress and the IXPE underlayer ensures sound suppression and a softer feeling underfoot. TIER is a cleaner, safer flooring option thanks to its VOC free manufacturing and natural antimicrobial features. TIER elevates the functionality and style of your indoor space.

# APPLICATIONS

# **FLOORING** to love and live on

TIER is designed for versatility as well as durability. TIER can be installed in any room in your house or commercial space. Let the attractive, low-maintenance, and high-performance features of TIER enhance the appeal of your home or business.



# TIER PROFILE



### SPC flooring board

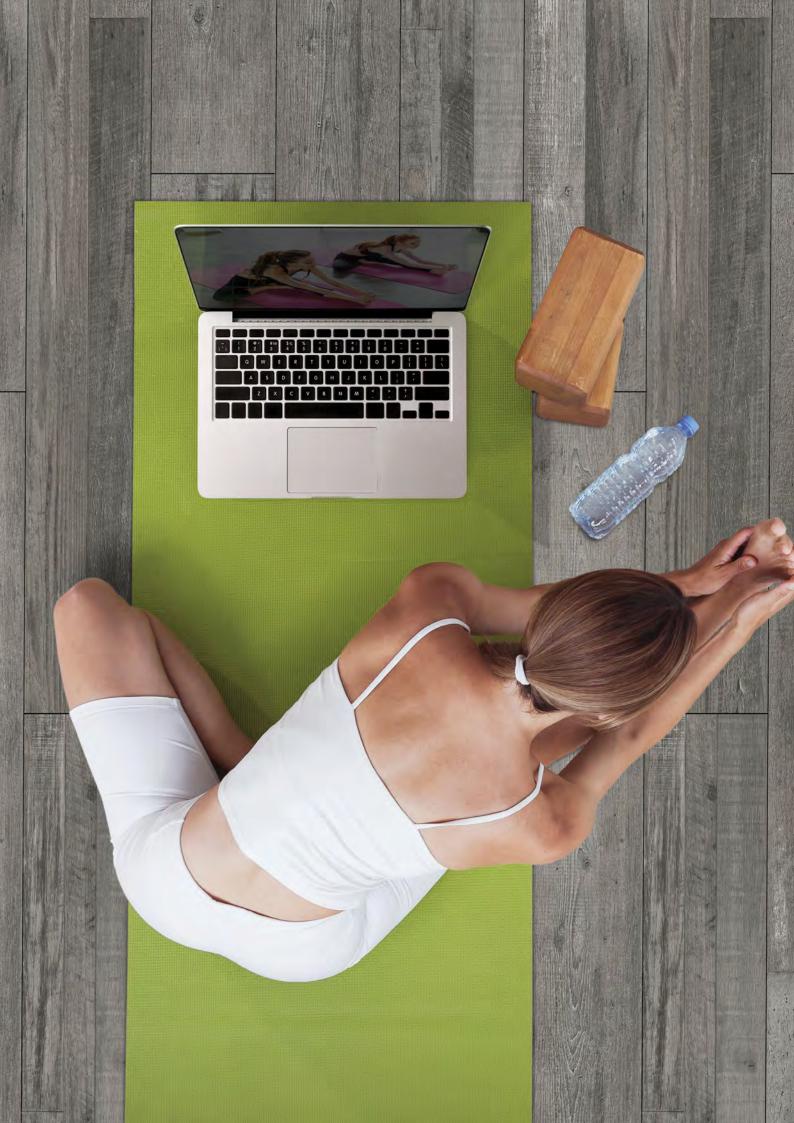
TIER flooring is made from a reliable and rigid stone plastic composite (SPC) core for added strength and longevity. The core layer is an innovative material which can be machined to exact standards, making for easy installation. The result is robust edges which will not wear away against each other or deform over time.

# RANGES, COLOURS, AND STYLES

Flooring is an opportunity to showcase style as well as provide a literal base for residential or commercial spaces. That's why we make it easy for you to find our latest colour and style offerings for TIER flooring on our website, www.tierflooring.co.za.

We are continually working to offer the most cutting-edge SPC flooring technology and keep our TIER website and brochures updated with the latest offering in the TIER flooring range.

Our TIER brochures, therefore, act as standalone documents to avoid having to revise the entire Eva-Last product catalogue each time a new TIER flooring range, colour, or style becomes available. Visit our TIER website for the most up-to-date view of the TIER collection.

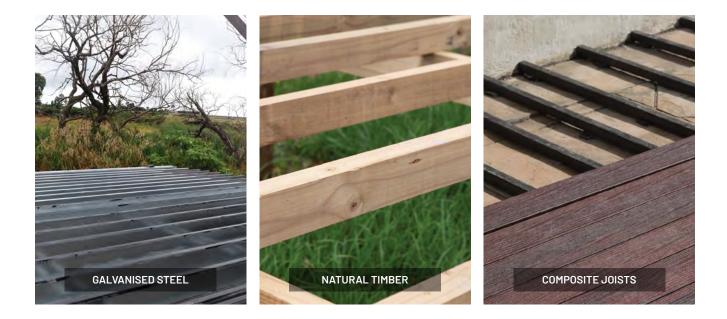


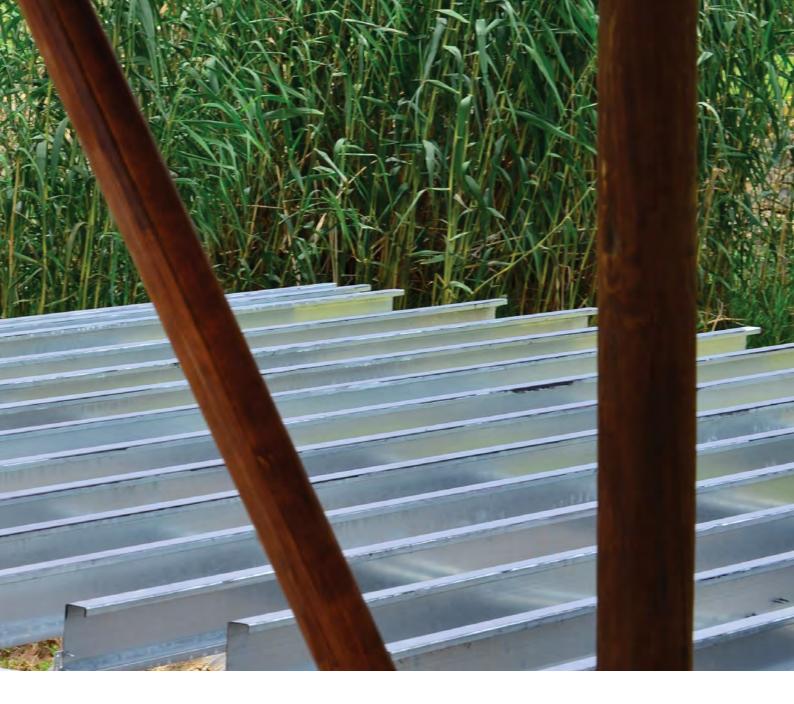
# SUBSTRUCTURE

Extending your outdoor living space with a deck can be an exciting venture. The key to a durable and long-lasting deck lies in the attention and care given to assembling its substructure, as well as choosing the best decking materials.

Eva-Last representatives are available to help answer your decking-related questions and detailed installation guides are available on the Eva-Last website for your convenience.

**PRODUCT OFFERINGS:** 

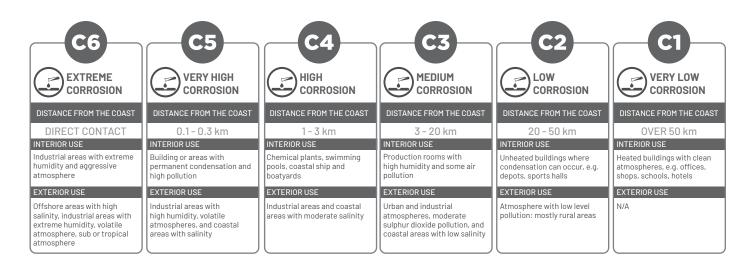




Consider the climate and atmospheric corrosion when choosing the best substructure material for your project.

# ATMOSPHERIC CORROSION CATEGORIES

Corrosion categories based on simplified environmental conditions:



# **GALVANISED STEEL STRUCTURE**



The G-struct deck framing system is a galvanised steel substructure solution. G-struct sections are manufactured from industrial grade pre-galvanised coil, providing a long-term support system.

## **BEARER AND JOIST SPECIFICATIONS**

**BEARER / JOIST PROFILE** Dimensions | 25 x 50 x 25 mm (5.8 m lengths) **BEARER / JOIST PROFILE** Dimensions | 50 x 100 x 50 mm (5.8 m lengths)

Dimensions | 25 x 60 x 40 mm (5.8 m lengths)

**BEARER / JOIST PROFILE** 

**BEARER / JOIST PROFILE** 

Dimensions | 50 x 200 x 50 mm (5.8 m lengths)







# UPRIGHT AND POST SPECIFICATIONS

### **UPRIGHT AND POST PROFILE**

Dimensions Weight

50 x 50 mm (5.8 m lengths) 4.6 kg/m

### **UPRIGHT AND POST PROFILE**

Tek screw

76 x 76 mm (5.8 m lengths) Dimensions Weight 4.6 kg/m

### Upright and post profile



### Coating lifespans based on atmospheric corrosion rates:

Reduction in thickness ( <sub>µ</sub> m) per year based on the atmospheric corrosion rating			≤0.1	>0.7	>2.1	>4.2	>8.5	>8.5
Type of coatings			Coating lifespans based on atmospheric corrosion rating					
Galv. coating type	Min. mass (g/m²)	Coating Thickness <sup>µ</sup> m	C6	C5	C4	C3	C2	C1
Z275	275	20	2 years	2 years	4.5 years	9 years	28 years	200 years





# TIMBER STRUCTURE



It is prudent to utilise a substructure system that matches the lifespan of your deck. When selecting timber be sure to consider the intended application and the local building codes. Eva-Last offers several timber solutions based on the requirements of the deck. Standard H3 level pine is available for the continental highveld climate. H4 to H6 level pine is available for alternative applications such as Mediterranean climates and coastal areas. H3 level pine beams and H4 level gum-poles are regularly stocked.

# **BEARER AND JOIST SPECIFICATIONS**

### **BEARER / JOIST PROFILE**

Dimensions Weight

50 x 76 mm (5.4 m lengths) 1.8 kg/m

4.3 kg/m

### **BEARER / JOIST PROFILE** 38 x 152 mm (5.4 m lengths)

Dimensions Weight

### Bearer and joist profile



Dimensions

Weight

# Timber frame screw

Fasteners

3.0 kg/m

38 x 114 mm (5.4m lengths)

**BEARER / JOIST PROFILE** 

# **GUM-POLE SPECIFICATIONS**

**GUM-POLE PROFILE** Dimensions | 125 x 150 mm (1.8 m lengths)

### **GUM-POLE PROFILE** Dimensions | 125 x 150 mm (2.7 m lengths)

### Gum-pole profile





Timber frame screw

# **TYPICAL TREATMENT LEVELS OF TIMBER**





Ground contact with periodic wetting EXAMPLES

Fencing and structural posts, landscaping, stakes, pergolas, etc.



Above ground with periodic wetting EXAMPLES

Cladding, decking, stairs, balustrades, log homes, etc.











# **APEX COMPOSITE JOIST**

The Apex bearer or foamed composite joist offers a cost-effective option for use over existing slabs such as screed or tiled flooring, paving, and patios. It is moisture resistant and does not require additional support. It is available in black to make it less visible between decking boards.

Dimensions

40 x 30 mm (2.9 m lengths)

Weight

1.6 kg/m

# JOIST INSTALLATION





Composite joist

Rubber support pad

**Anchor nails** 

### Fasteners



8 stainless steel anchors /  $m^{\rm 2}$ (uses stainless / nylon nail)

#### Line spacers



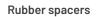
1mm

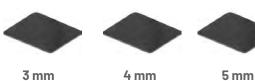


2 mm

5 mm

3 mm





**3** mm

5 mm







### **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.

### **Head office**

Johannesburg: 010 593 9220 Cape Town: 021 003 3126 Durban: 031 331 0068 Gqeberha: 041 450 2933

Email: sales@eva-last.com

- Made from recycled materials
- No trees felled
- No treatment or toxic chemicals required
- Solar powered manufacturing processes
- Reduced impact on landfills (recyclable at the end of life)
- Reduced carbon footprint





### www.eva-last.co.za