

# Sustainable Building Materials















# 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.

Eva-Last technologies create endless possibilities for the design and overall function of your outdoor space. Visit our website, www.eva-last.com, 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  $88\,716\,\text{m}^2$  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, railing, and architectural beams.



# **Pioneer**

#### REINFORCED BAMBOO FOAMED-PVC COMPOSITE

Pioneer offers photorealistic print technology for a remarkable natural look and a glass fiber-reinforced core for increased strength.





#### CAPPED BAMBOO FOAMED-PVC COMPOSITE

The Apex range boasts an exceptionally natural looking dual-tone finish and is also available in reinforced Apex PLUS for increased strength.





#### **CAPPED BAMBOO COMPOSITE**

Infinity leads the Eva-Last technology range in durability with a resilient polymer capping, and bamboo composite core.

#### Disclaimer:

Although we make every effort to ensure the information contained in this brochure 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.

#### 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.

# Pioneer REINFORCED BAMBOO

**FOAMED-PVC COMPOSITE** 

Pioneer composite brings to market a photorealistic print technology which creates the most natural looking composite finish available in the Eva-Last range. A bamboo foamed-PVC and glass fiber-reinforced core provides increased strength and span capability meaning less substructure is required. It also reduces expansion and contraction of the PVC even in the harshest weather environments. The advanced wear layer protects against fading, scratches, moisture, and stains, and requires only basic cleaning for optimal longevity. Pioneer offers an eco-friendly alternative to timber that prevents deforestation and premature deck replacement and uses solar power within the manufacturing process.



GLASS FIBER REINFORCED

# PRODUCT COMPOSITION



Pioneer offers a reinforced core and a photorealistic print surface finish with a clear outer wear layer which provides extra protection for the colour and resiliency of the board.



#### Capping material:

Print surface finish with protective wear layer

#### Core material:

Bamboo foamed-PVC with glass fiber-reinforced core





FSC® certified bamboo composite product





# TAKE HOME THE BENEFITS









#### REALISTIC AESTHETIC

Photorealistic print technology for a more beautiful composite



#### **INCREASED SPAN**

Reinforced for improved strength & span capability



#### MORE STABLE

Less movement from expansion & contraction



#### STAIN RESISTANT

Premium stain resistance for long-lasting beauty



#### **WEAR LAYER**

Wear layer offers protection against scratches and fading



#### **DECAY RESISTANT**

Resists insects, moisture, & weather



#### LOW-MAINTENANCE

Only basic care required for optimal longevity



#### **ECO-FRIENDLY**

Long-lasting & prevents deforestation



#### REINFORCED BAMBOO FOAMED-PVC COMPOSITE





#### **GROOVED BOARD**

The Pioneer single sided grooved board is reinforced and offers a flawless, fastener-free final look thanks to grooves along its edges which are designed for streamlined installation using HULK hidden fastener clips, available as S-Series clips or as Chain collated clips.

Dimensions

145 x 21 mm (4,8 m lengths)

Weight

2.2 kg/m

Recommended Joist spacing

450 mm centre to centre\*

\*Please refer to the technical documents for more information on spans and loads.

#### **Grooved board**





Compatible with Chain collated clips





#### STARTER BOARD

The Pioneer wide single sided starter board is lighter weight and is ideal for creating a picture frame effect for decks and for use on stairs edges. It simplifies installation by accommodating grooved boards while offering a solid square outside edge. Install using HULK hidden fastener clips on the grooved edge and HULK colour matching top fixing screws on the square edge.

Dimensions

145 x 21 mm (4,8 m lengths)

Weight

2.6 kg/m

Recommended Joist spacing

450 mm centre to centre\*

\*Please refer to the technical documents for more information on spans and loads

#### Starter board

#### **Fasteners**



Compatible with Chain collated clips



Uses HULK composite top fixing screws



# Pion<u>e</u>er

# **COLOUR GUIDE**

The Pioneer colour range celebrates the beauty of timber with exceptionally natural-looking composite. Pioneer offers state-of-the-art high resolution print technology to give each board an unrepeated realistic wood grain texture. This technology mirrors the hues and tones of specific timber types.



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



# **BAMBOO FOAMED-PVC COMPOSITE**





#### **FASCIA BOARD**

Pioneer single sided fascia boards are designed for use in vertical applications as decking trim or cladding. They are non-load bearing profiles that add a neat finish to deck sides or other areas and are fastened using colour matching HULK top fixing composite trim screws.

Dimensions 150 x 12 mm (2,2 m lengths)

Weight 1.5 kg/m

Recommended 450mm centre to centre\*

Joist spacing \*Based on non-load bearing applications only

Fascia board

**Fasteners** 









# **BAMBOO-PVC COMPOSITE**

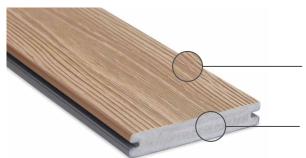
Apex offers you a resilient and natural looking composite. Its ultra-lightweight bamboo foamed-PVC core makes for easy installation and workability. Apex carries both fire and slip resistance ratings and exceptional low maintenance, requiring only basic cleaning for optimal longevity. Its protective cap is made from a resilient acrylic polymer coating for fade, scratch, and stain resistance. Apex provides long-term decay and weather protection by resisting insects, moisture, and the elements. Apex is an eco-friendly alternative to timber that prevents deforestation and premature deck replacement and uses solar power within the manufacturing process.



## PRODUCT COMPOSITION



Apex products are lightweight thanks to their foamed bamboo-PVC composite core which is protected from the elements by a resilient acrylic polymer capping.



#### Capping material:

Engineered acrylic polymer

#### Core material:

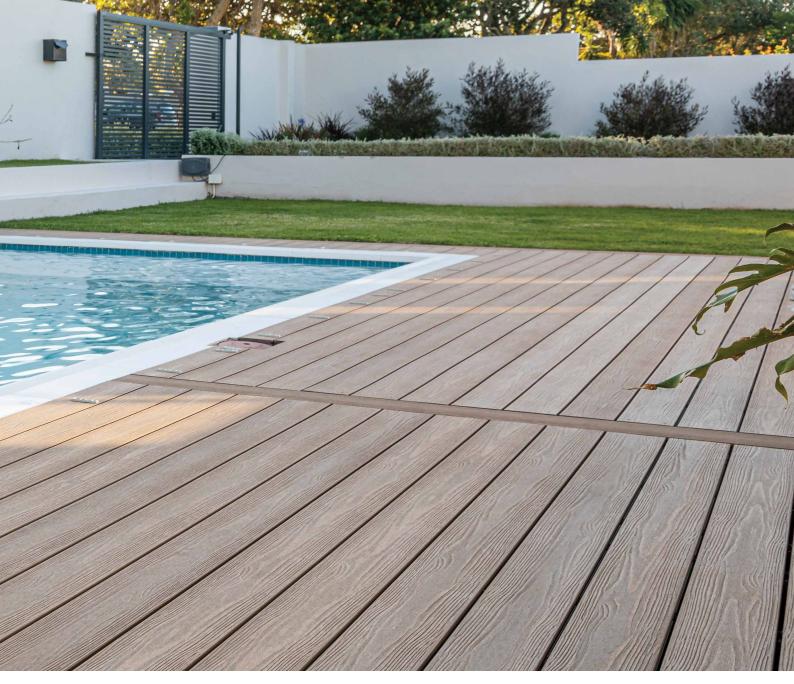
Bamboo foamed-PVC composite



SC certified bamboo composite product







# TAKE HOME THE BENEFITS









#### **NATURAL AESTHETIC**

Advanced technology for more natural looking composite



#### **LIGHTWEIGHT**

Ultra-lightweight bamboo-PVC core



#### **FIRE RESISTANT**

Euroclass B<sub>fl</sub> - s1 fire rated



#### **SLIP RESISTANT**

Reliable slip resistance properties



#### LOW-MAINTENANCE

Only basic care required for optimal longevity



#### **PROTECTIVE CAP**

Fade, scratch, & stain resistant capping technology



#### **DECAY RESISTANT**

Resists insects, moisture, & weather



#### **ECO-FRIENDLY**

Long-lasting & prevents deforestation



### LIGHTWEIGHT, CAPPED BAMBOO-PVC COMPOSITE





#### **GROOVED BOARD**

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

Dimensions 140 x 24 mm (4,8 m lengths)

Weight 2.5 kg/m

Recommended 300 mm centre to centre\*

\*Please refer to the technical documents for more information on spans and loads.

Dimensions 190 x 24 mm (4,8 m lengths)

Weight 3.4 kg/m

Recommended
Joist spacing

350 mm centre to centre\*

\*Please refer to the technical

\*Please refer to the technical documents for more information on spans and loads.

#### **Grooved board**

Joist spacing

#### **Fasteners**



Compatible with Chain collated clips





#### STARTER BOARD

The Apex single sided starter board offers one grooved edge and one solid edge, making it perfect for deck perimeters, picture framing decks, and creating stairs. It fastens with a combination of CHAIN collated clips and colour matched HULK composite decking screws.

Dimensions 140 x 24 mm (4,8 m lengths)

Weight 2.5 kg/m

Recommended
Joist spacing

300 mm centre to centre\*

\*Please refer to the technical documents for more information on spans and loads.

Dimensions 190 x 24 mm (4,8 m lengths)

Weight 3.4 kg/m

Recommended
Joist spacing

350 mm centre to centre\*

\*Please refer to the technical documents for more information on spans and loads.

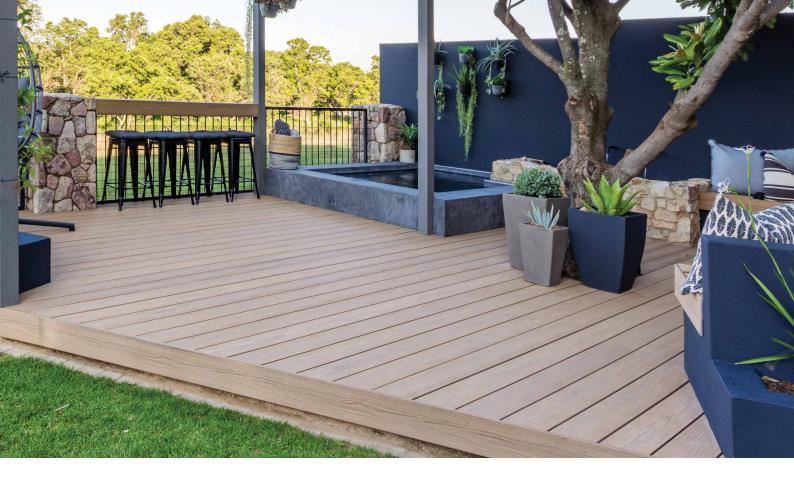
#### Starter board

#### **Fasteners**



Compatible with Chain collated clips





# Apex

# **FINISH & COLOUR GUIDE**

The dual tone range of Apex adds an extra layer of colour to each board to enhance the natural look of your composite project. The variance in shades within a single composite profile beautifully showcases the colour tones found in timber making your composite all the more striking. Dual tone colours are ideal for mid-to-large-scale composite decks and projects or other areas that are all about that natural look.





Sculpted Grain Surface Finish





140 mm & 190 mm



Arctic Birch available in: 140 mm &190 mm



# LIGHTWEIGHT, CAPPED BAMBOO-PVC COMPOSITE





#### **FASCIA BOARD**

Apex fascia boards are non-load bearing profiles that help to add a neat finish to deck sides or areas where trim is needed. They are fastened using colour matching HULK top fixing composite trim screws.

Dimensions 150 x 12 mm (2,2 m lengths)

Weight 1.4 kg/m

Recommended 300 mm centre to centre\*

Joist spacing \*Based on non-load bearing applications only

Fascia board

**Fasteners** 









# LIGHTWEIGHT, CAPPED BAMBOO COMPOSITE DECKING

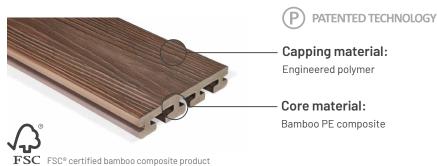
Infinity IS combines all the benefits of durable Infinity bamboo composite with the advantages of I-Series to give you a durable co-extruded composite offering low maintenance, and an advanced resilient polymer cap for protection against scratches, fading, moisture issues, decay, and weather, as well as stain and slip resistance. With Infinity IS specialised streaked colour variation technology you can enjoy the look of timber in an environmentally friendly bamboo composite. The revolutionary I-beam design creates a cost-effective, lightweight board that uses less material, yet maintains span capabilities, strength, and stiffness for a more efficient installation. This improved environmentally friendly composite is holistically sustainable from its manufacturing to its use of raw material.



# PRODUCT COMPOSITION



I-Series offers a cost-effective, lightweight decking option thanks to its revolutionary shape which uses less material but maintains class-leading strength, stiffness, and span capability.





COST-EFFECTIVE
Smart shape saves on transport & installation



LIGHTWEIGHT
I-beam design is lighter by
using less material



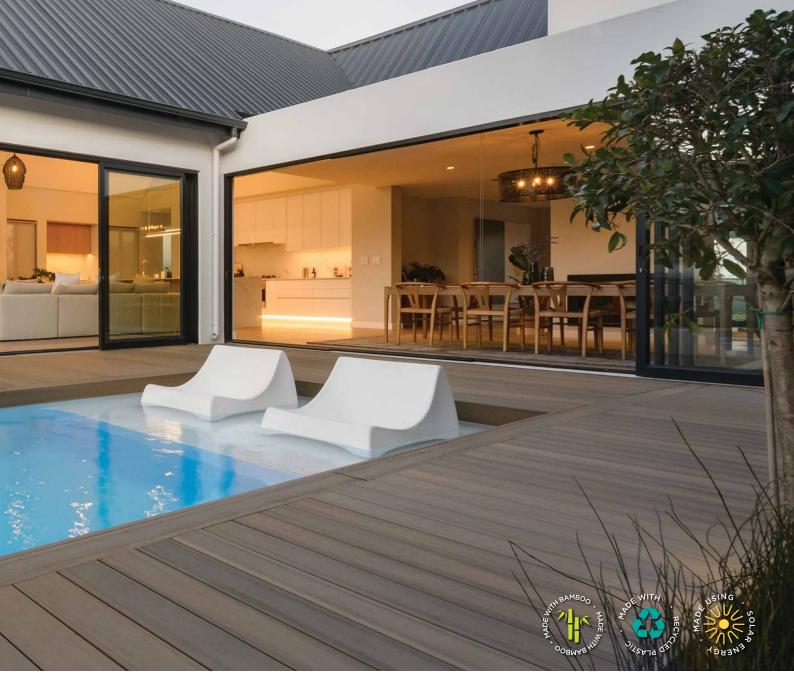
SPAN
Span capability of heavier boards



INSTALLATION

Easier and more
efficient installation





# TAKE HOME THE BENEFITS





**DURABLE**One of the toughest co-extruded composites



PROTECTIVE CAP
Fade, scratch, & stain resistant
capping technology



**LOW-MAINTENANCE**Only basic care required for optimal longevity



DECAY RESISTANT
Resists insects,
moisture, & weather



**STAIN RESISTANT**Built-in protection against stains



**SLIP RESISTANT**Reliable anti-slip protection



NATURAL LOOK Specialised streaked colour technology



ECO-FRIENDLY
Sustainable manufacturing & use of raw material



### LIGHTWEIGHT, CAPPED BAMBOO COMPOSITE DECKING





#### **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 a neat uninterrupted final look.

Dimensions 135 x 25.4 mm (4,8 m lengths)

Weight 2.8 kg/m

Recommended
Joist spacing
\*Please

400 mm centre to centre\*

\*Please refer to the technical documents for more information on spans and loads.

Grooved board



**Fasteners** 



Compatible with Chain collated clips





#### STARTER BOARD

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 (4,8 m lengths)

Weight 2.7 kg/m

Recommended 400 mm centre to centre\*

Joist spacing

\*Please refer to the technical documents for more information on spans and loads.

Starter board



#### **Fasteners**



Compatible with Chain collated clips



Uses HULK composite top fixing screws on non-grooved edges





# **FINISH & COLOUR GUIDE**

The Infinity range is designed to enhance the beauty and liveability of your outdoor area. Infinity composite offers incredibly natural-looking colours thanks to its advanced colour technology which gives each board unique colour variation to embody the essence of timber. Enjoy the beauty of wood with the benefits of composite.



Sculpted Grain Surface Finish





### CAPPED BAMBOO COMPOSITE FASCIA





#### **FASCIA BOARD**

The Infinity single sided fascia boards are non-load bearing profiles that add a neat finish to deck edges or areas where trim is needed. They are 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 400 mm centre to centre\*

Joist spacing \*Based on non-load bearing applications only

Fascia board

**Fasteners** 



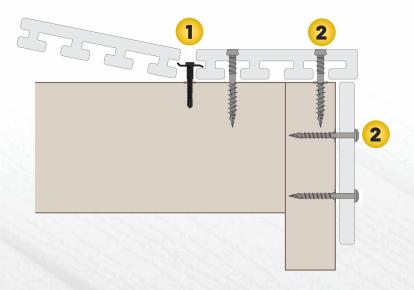




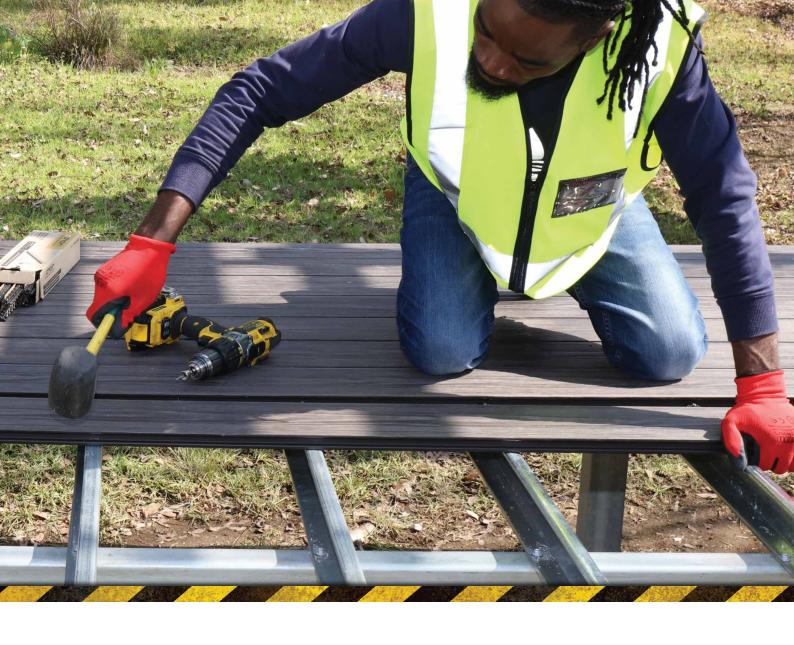


### DESIGNED FOR PROFESSIONALS. PERFECT FOR NOVICES.

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



- 1 Hidden Clip & Clip Screw (Chain Collated Clips)
- 2 Composite Decking Screw (CDS) for timber frames or Metal Decking Screw (MDS) for metal frames



# TAKE HOME THE BENEFITS



**Corrosion Resistant** 



Colour Matched Aesthetic



Neat Surface Finish



Fast and Easy Installation



No Pre-drilling Required



### 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.





# **FEATURES AND BENEFITS**



#### MORE EFFICIENT INSTALLATION

Collated system comes pre-loaded with screws for quicker installation



#### **UNIVERSAL APPLICATION**

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



#### **DURABLE**

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



#### STRENGTH IN SIZE

Proven strength in uplift holding power & preventing lateral movement of boards



#### **INNOVATIVE ENGINEERING**

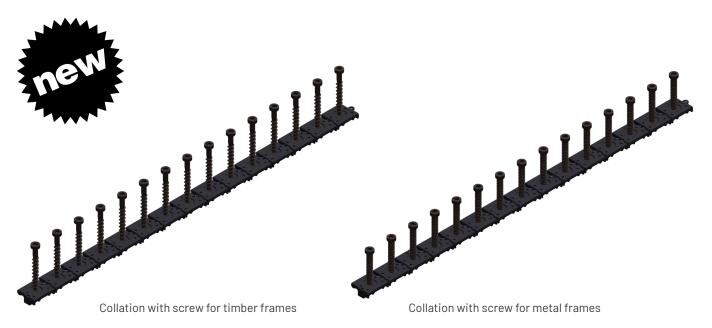
Cost-effective use of materials without affecting grip strength or overall clip performance



#### **EASIER POST-INSTALLATION ACCESS**

More convenient post-installation board removal with direct overhead fastener access





#### CHAIN COLLATED CLIPS

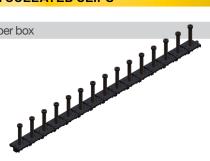
Chain collated clips offer a smarter solution for creating an outdoor oasis. By preloading high quality and durable screws into equally reliable clips. Chain collated clips make installation more efficient, and are suitable for use by professionals or novices. Like all Eva-Last products, Chain collated clips are built on the principle of longevity.

#### **CHAIN PACK**

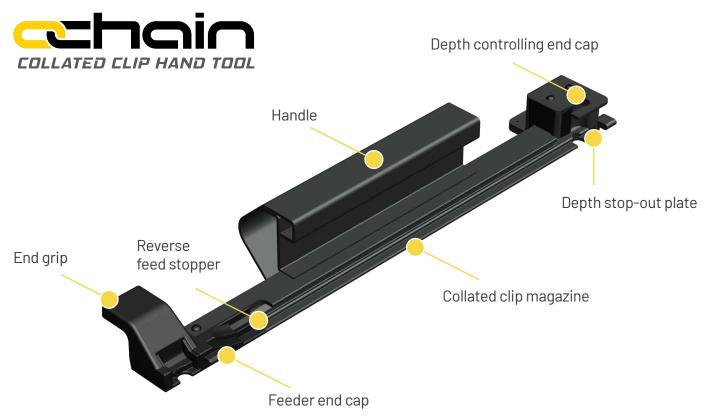


#### 900 Chain COLLATED CLIPS

Six boxes in a pack; 150 clips per box







#### **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.

#### **EXPANSION KITS**







### COLOUR MATCHED COMPOSITE TOP FIXING SCREWS

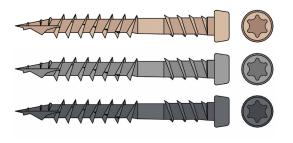
HULK Fasteners composite deck and trim screws are available in nine different colours designed to match and blend in with decking boards from all leading composite decking manufacturers. Choose the colour that matches your decking boards for a discreet final look. Please check your regional availability of screw colours.

#### FOR TIMBER FRAMES

Available in stainless steel and carbon steel

### FOR METAL FRAMES

Available in carbon steel



BEIGE
LIGHT GREY
DARK GREY





# **COMPOSITE DECKING SCREWS**



## CDS - Composite Deck Screw

For fastening (top-fixing) composite boards to timber frames

Stainless steel: 316 head coated

Available in beige, dark grey and light grey

# 75 COMPOSITE DECK SCREWS (for timber)



# 75 Pack TOP FIXING SCREWS

75 carbon steel or stainless steel composite deck screws 1 drill bit



HULK Fasteners are recommended for use with all Eva-Last installations. HULK composite deck and trim screws are available for timber and metal frames.



#### 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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