

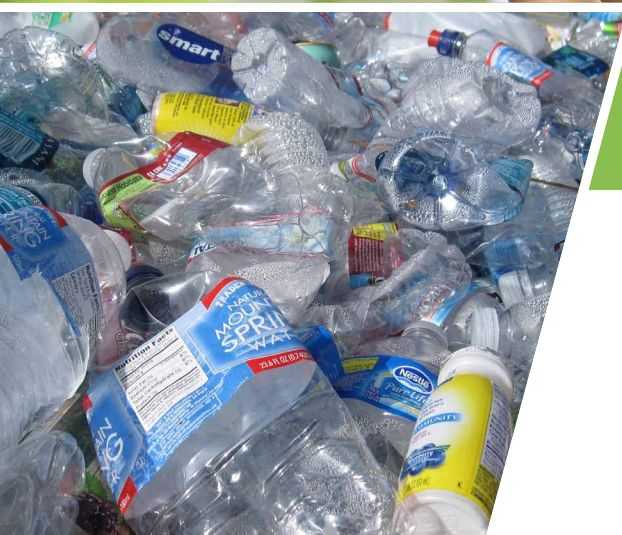
The logo for EVA-IAST, featuring the brand name in a bold, white, stylized font with horizontal stripes. A registered trademark symbol (®) is located to the upper right of the text.

**EVA-IAST®**

**INSPIRED BY NATURE, DESIGNED FOR LIFE.**

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# **ENVIRONMENTAL PRESENTATION**



# OUR EARTH MISSION

## Our pledge to sustainability

Our slogan says it all; “Inspired by Nature, Designed for Life”. In this simple line lies the heart and soul of Eva-Last, and an insight into why we do what we do. We believe in making a positive impact on the environment by providing sustainable building solutions, which holistically improve our customers’ lives.

The first half of our slogan, “Inspired by Nature”, pays tribute to the wonders of nature and our dedication to sustainability. The second half, “Designed for Life”, refers to our reputation for designing quality products that outperforms wood and can last in any environment.

*Our slogan is more than just a catchphrase; it embodies why we do what we do.*



# WE MAKE THE DIFFERENCE



## Sustainable to the core

Earth is under threat. For far too long, we have taken our natural resources for granted. Now we are feeling the effects of our own ignorance and carelessness, and run the irreversible risk of destroying our home.

Now is the time to take active measures to change the self-sabotaging status quo. Now is the time to think and act differently in order to preserve Mother Nature's precious resources, to ensure a healthier future for our children.

The difference we make at Eva-Last, by developing advanced eco-friendly composite, matters. It matters because we're using recycled and renewable resources, discouraging deforestation, and continually exploring how to lessen our carbon footprint through innovation, such as manufacturing using solar energy.

Perhaps most importantly, the difference that we're making matters because our way of doing things – our way of creating sustainable products in sustainable ways – inspires others to make a difference, too.

One of the Eva-Last's values is Sustainability, showing how we focus on and live this value in the business on a daily basis.



*Care for our planet and future generations drives our commitment to sustainable manufacturing of environmentally friendly building products.*





“Eva-Last is making a significant contribution globally in green building products and methods.”



**KUMI NAIDO**, International Executive Director of Greenpeace,  
Climate Change Leadership Awards (CCLA), 2011

**GREENPEACE**



# CERTIFICATIONS

As a global market leader, we consider and comply with all international green codes and expectations.



**Intertek / Certification (29/10/2020)**  
CCRR reports issued by Intertek according to ASTM standard



**CNAS / Certified (05/08/2021)**  
The first WPC lab in China approved with CNAS certificate



**ISO / Certified (11/08/2021)**  
Quality Management and Control Systems  
Environment Management Systems  
Occupational Health and Safety Management Systems



**FSC / Certified (11/07/2021)**  
Forest Stewardship Council certified since 2009



**EWC Certification (18/05/2022)**  
Certificate of Energy Management Systems

Eva-Last and its manufacturing partner, Sentai, hold several globally recognised certifications and have been through years of vigorous product testing to ensure top quality performance. Product support documents include Material Data Safety Sheets, hazardous chemicals testing, FSC certification, Intertek certification, ISO 14001 certification, CCRR certification, and others. Please contact us for details on testing and results.

# WHY BAMBOO?



Eva-Last uses bamboo to create composite that is better performing and better for the earth. Here are four of the main reasons we choose bamboo and urge others to consider using it as well.



## SUSTAINABLE

Bamboo is a type of grass which grows and regenerates extremely quickly, with most species reaching adulthood within 3 – 5 years. This amazing plant is one of the most environmentally friendly resources on the planet and requires no pesticides or chemical fertilisers to grow. Bamboo keeps our soil stronger, our air cleaner and our environment healthier.



## STRONG

Bamboo is one of the most underrated materials on the planet when it comes to strength. It has a greater tensile strength (resistance to being pulled apart) than steel, and can withstand compression better than concrete. These properties make for an ultra-strong finished product.



## COOL

Bamboo is known for its incredible cooling effect and its ability to deflect heat more effectively than wood. All natural fibres have a built-in thermostat, and Mother Nature has turned bamboo's way, way down. This means your deck will be cooler in hot weather and a bit warmer in the cold – just another great benefit of using bamboo over wood for composite.



## SAFE

Bamboo is an exceptionally clean and safe material. Its fibres contain bamboo kun substance which makes the bamboo organically anti-bacterial and eliminates the need for any chemical treatments. It naturally repels odour and is hypoallergenic when compared to timber. In fact, bamboo fibre is so clean that it is certified by most food agencies as safe to eat.



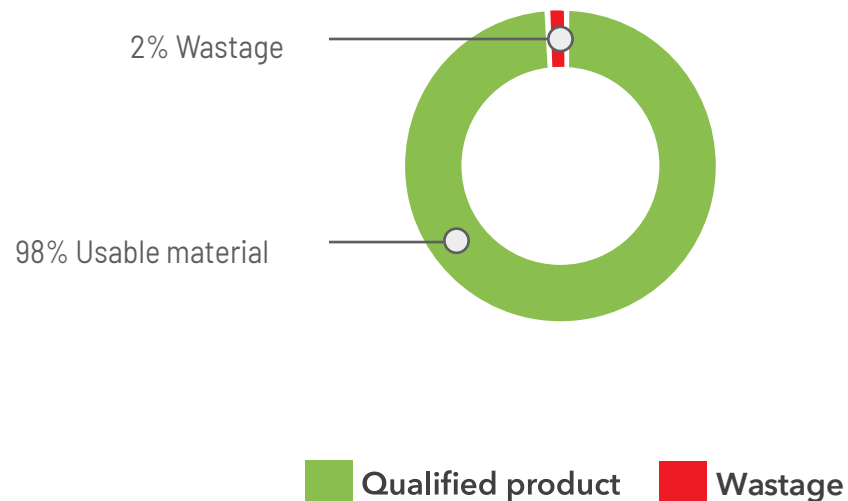
## BAMBOO **FACTS**

- Bamboo is a member of the grass family.
- This grass can grow in just about any soil or climate.
- Bamboo contains natural antibacterial properties.

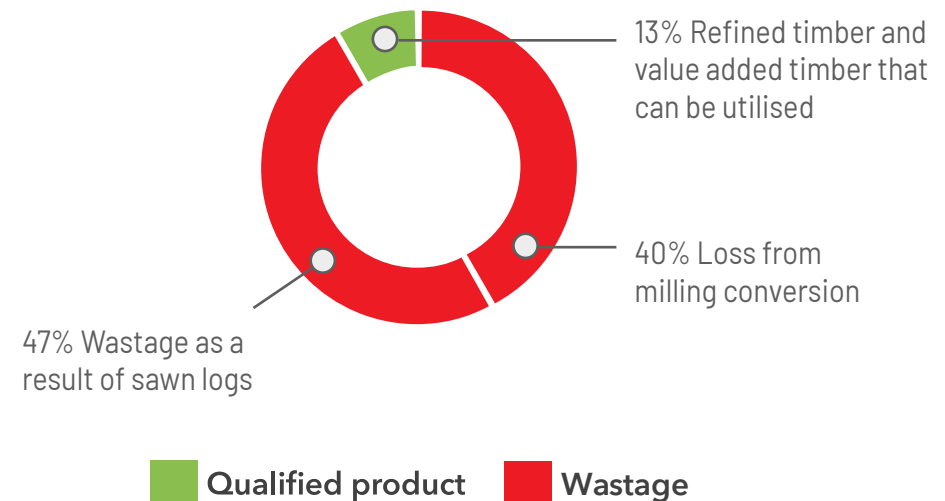
## RAINFOREST **FACTS**

- Up to 28,000 species indigenous to rainforests may go extinct in the next quarter century due to deforestation.
- By the year 2030, we might only have 10% of rainforests left due to human interference.
- In the time taken to read this, almost 3 hectares of rainforest have been cleared.

### BAMBOO USAGE



### HARDWOOD OR SOFTWOOD USAGE



Eva-Last insists on using bamboo fibre which is efficiently converted into usable products.



# DEDICATED TO DEFEATING DEFORESTATION

Our forests are in danger of disappearing. Every minute a forest the size of twenty football fields is cut down, and humans have already destroyed nearly 90 percent of the planet's rainforests. Unless we change our ways, we are on the dangerous track to completely decimating rainforests within the next century.

Eva-Last recognises deforestation as an imminent threat to the health of our planet, and we are determined to be part of the change that is necessary to preserve, protect, and begin to regrow our forests.

**By offering eco-friendly bamboo composite alternatives to timber decking and building products we are saving trees from felling and proving that we live better when we live green.**

Our engineers are focused on the aesthetic of our products as well as their functionality so that customers can enjoy the essence of beautiful tropical hardwoods without the environmental toll of damaging rainforests.

We have replaced the reused wood fibres of our original composite with bamboo to improve the sustainability – and durability – of our products.

We are continually rethinking and re-evaluating how we can make a bigger impact to lessen deforestation. We are open to your ideas and are working to foster collaboration and conversation within the building industry on how to collectively combat deforestation.



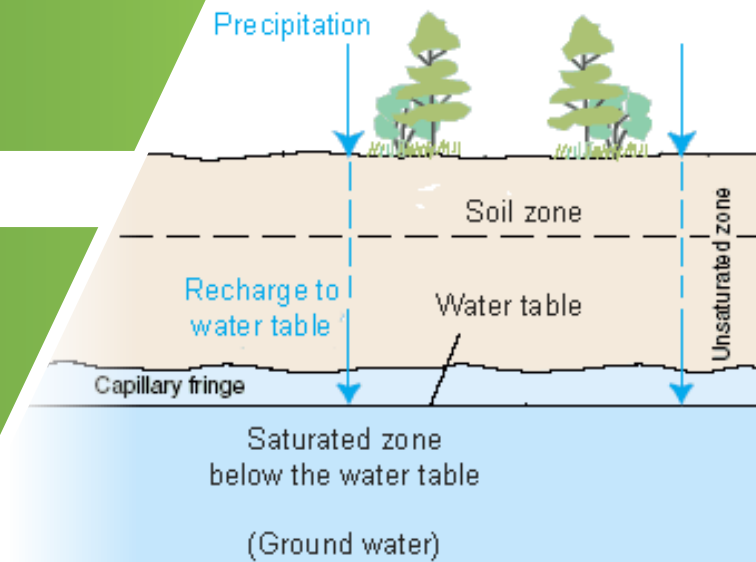


## Why we avoid harmful chemicals

Timber is often overharvested at great cost to the environment. Harmful chemicals and sealants, like arsenic and copper compounds, are often required to protect wood from insects, mould, and moisture. Eva-Last composite is completely VOC and formaldehyde-free. Our low-maintenance products do not require any dangerous chemicals or compounds, making them a cleaner alternative to wood.

## Chemicals also contribute to soil contamination

Organic soil is full of nutrients and is a place for both plants and animals to thrive. When timber treatments are used and come into contact with the soil, they will eventually seep into the groundwater. This will result in the contamination of the water system, harming the ecosystem and the plants and animals that live there.



# WHY 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.

## Waste plastic is killing our planet.

Our world faces one of its greatest threats from our short-sighted consumption of single use plastics. Plastic is now the most common form of marine debris. Plastic enters the oceans from a number of different land and ocean-based sources and imperils all aspects of marine life. Once in the water plastic never fully biodegrades, breaking down into microplastics which are then ingested by the marine life. Every year Eva-Last produces enough composite product to save the equivalent of 800 million 2l plastic milk bottles.

**EVA-LAST RECYCLED**  
**26 000 TONS**  
**OF PLASTIC** in the last 12 months.



## Reduce, reuse and recycle

Recycling one ton of plastic results in carbon dioxide savings of approximately 0.73 tons – the same as travelling 4000 km in a car. Be responsible: reduce, reuse, recycle.





# UTILISING SOLAR ENERGY

Eva-Last achieves a huge offset of carbon emissions through the reuse of waste plastic and bamboo fibre. However, producing quality building materials is an energy intensive endeavour. As a company dedicated to protecting the environment, this runs contrary to the very heart of why we do what we do.

In order to reconcile our actions with our mission, we needed to address the way traditional manufacturing was affecting our carbon footprint. In 2017 we made the decision to begin manufacturing with solar power. This bold move has helped us drastically reduce our carbon emissions and move closer to being a truly holistically sustainable company. Eva-Last now has one of the largest production plants of its kind in the world thanks to the installation of an army of solar panels. Since 2017, 32 858 solar panels, or 88 716 m<sup>2</sup> of solar panels, have been installed.

One of the prime instigators of global warming is energy production using fossil fuels, such as coal and oil. Fossil fuel production and emissions are responsible for as much as half the global surface temperature increase and roughly 30% of global sea level rise. This is why we have invested in solar and renewable energy – and we hope to inspire our partners, customers, and competitors to do the same.



Eva-Last and Sentai have installed 88 716 m<sup>2</sup> of solar panels on the factory.

## Putting it into perspective

**1 kg** of coal to produce  
**2.64 kWh** of electricity

One kWh of electricity, when produced from a coal burning power plant, will release 0.94 kg (or 2.07 lbs) of CO<sub>2</sub> into the atmosphere.

**10** tons  
of  
coal to be burnt per day

Eva-Last would need more than 10 tons of coal to be burnt daily to produce enough power to match our solar capacity.

**2000** tons of CO<sub>2</sub>  
emissions  
SAVED per day

By using solar power instead of fossil fuels, Eva-Last saves approximately 2000 tons of CO<sub>2</sub> emissions per day from going into the atmosphere.



# MAXIMISING CARBON OFFSET

For us at Eva-Last the term “green” is more than just marketing and more than an afterthought. It is the core of our business and our professional passion. We strive to be a holistically sustainable company, from the environmentally friendly products we create, to the systems, practices, and manufacturing we use to create them. Yet, we still have a carbon footprint. Reducing it through creative thinking and technological advancements is our on-going goal, and it’s led to significant breakthroughs since our business began.

## Bamboo wastes less & provides more

Bamboo is one of Mother Nature’s best kept secrets. It releases 35% more oxygen into our air than most hardwood trees.

## Use of recycled 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 energy

Traditional manufacturing is an energy-intensive endeavour. That’s why we strive to switch to manufacturing processes which use solar power, saving 2 000 tons of CO<sub>2</sub> every single day.

## Zero waste policy

We have a Zero Waste policy. This means that every bit of leftover material is put back into our manufacturing line to be recycled and made into something new and sustainable.

## Reducing our corporate carbon footprint

As a forward-thinking company, long before the pandemic normalised it, we encouraged our employees to work from home to reduce their emissions. We also strive to find recyclable packaging materials for our products and our business practices embrace the concept of using less natural resources and saving more. We are continually rethinking and re-evaluating how we can make a bigger impact to lessen our corporate carbon footprint.



# ONE WORLD, TWO FUTURES

Atmospheric concentrations of CO<sub>2</sub> are 37% higher than they have been at any time in the past 650,000 years.

In one future the international community continues burning fossil fuels and cutting down trees, ultimately leading to catastrophic climate change. Our forests and coral reefs are destroyed, poverty increases, food supply dwindles, and the global economy collapses.



In the other future the global community has adopted renewable energy and green products that can help to save our rainforests and oceans. Solutions are created for cleaning our oceans and recycling waste plastics. The global community prospers, poverty is reduced, and earth has time to heal.

## THE CHOICE IS YOURS

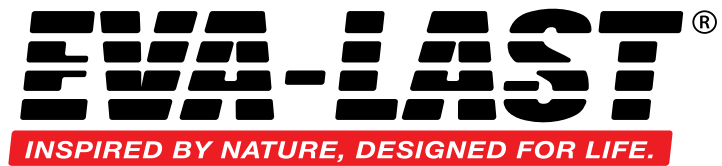
Join us in the effort to protect our planet and give our children the brighter option for the future.



# WHY WE DO IT

We are committed to being a holistically sustainable company because we believe that we can make a positive impact on the environment, and inspire others to do the same. We believe that people want the best future possible for their children and will make more eco-conscious choices when given the chance. We believe in leading by example and believe in proving that living green and living well go hand in hand.





# THANK YOU

Please feel free to contact Eva-Last to see how you can help make a difference.

**For more information:**

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E-mail: [marketing@eva-last.com](mailto:marketing@eva-last.com)