



If you are looking to replace or build your new home why not consider the most sustainable option in the marketplace by helping to protect the environment, and having a fresh stylish, modern roofing material to complete your home or any other building. What about using the most aesthetic, durable, and termite resistant and an all-weather withstanding plastic timber made from 100% upcycled plastics.

Ecotile and Plastic timbers are manufactured, marketed and sold by Ecoplastile Limited. Ecoplastile brand is your best green construction material choice. It replicates the look of natural clay and concrete tile, wooden timbers and concrete posts only 2 times lighter, stronger, more durable, lasts longer, UV stabilized and most of all manufactured from 100% sustainable materials locally sourced from the urban poor.

The premium aesthetic look paired with the quality of Polymers and composite material, makes them the best available roofing tile and alternatives to timbers in the market today.

Range of Colours



Advantages of our composite roofing tiles

- Recycled Polymers and glass material is 100% green product, all materials utilized in the product is all sustainable recycled materials. We collect, separate and recycle plastics contributing to cleaner, sustainable environment, not only is the product manufactured from recycled materials the product itself can also be recycled, making this the most effective product.
- Polymers and glass material is very hard to flex and is virtually unbreakable. We guarantee "ZERO" breakages upon delivery.
- Sand makes our material soundproof. You will not hear any noise when it is raining and can sleep peacefully vs metal roof.
- Our tiles are light in weight and therefore don't require roof reinforcement, making transportation and installation easier.
- UV stabilized so that the product will not fade over time as we use a high quality UV protection system and color pigments, in the process.
- Absolutely NO moss and its weed resistant as there are no pores for any water absorption.
- The product is Fire Resistance.



Plastic Timbers: Features and Benefits

- Eco-friendly product made from 100% recycled waste plastic.
- No chemical treatment
- Does not rot and cannot be eaten by termites hence lasts longer.
- Do not splinter.
- Outlasts timber in application.
- Can be cut, drilled and nailed just as easily as timber using the same wood working tools.
- Won't be stolen for use as firewood as is currently happening in many parts of our country.
- Offers long term cost effectiveness due to reduced maintenance and replacement.
- Has an aesthetic look, with a regular shape and a smooth and/or timber-like finish.
- Do not entertain growth of molds, do not splinter, won't be stolen by people who cut metal posts from the roads and sell them to metal scrap dealers and those who steel wooden posts for us as firewood as it is currently.



Dimensions:

Tile type	Length, mm/Inches	Width, mm/Inches	Height, mm/Inches	Thickness, mm / Inches
Ordinary tile	422 / 16"	36 / 13"	50/2"	8 / 0.31
Ridge tile	325 / 12.5"	230 / 9"	115 / 4.5"	8 / 0.31



Frequently asked questions

- Q** What happens to the tiles/plastic timbers when they are exposed to direct sunlight?
- A** Nothing, our patented manufacturing process through temperatures exceeding 220°C ensures that Eco tiles and plastic timbers can withstand extreme sunlight. They are suitable for any kind of weather. Furthermore we have done tests in The Netherlands that showed our tiles withstanding exposure to UV light and maintaining its strength over a long duration of time.
- Q** Is the water harvested from the roof safe?
- A** Yes, water harvested from the tiles can be used for drinking purposes. In addition to this, the tiles do not allow growth of moulds and therefore the water harvested in the tank is clean for consumption.
- Q** Will these tiles/plastic timbers break when subjected to heavy, sudden or impact loading?
- A** Due to the formula used in the manufacturing process, Eco tiles/plastic timbers are very strong. They have been tested for strength and proven to have a flexural strength of up to 1.60KN.
- Q** Do Eco tiles/plastic timbers absorb moisture?
- A** No, Eco tiles/plastic timbers are non-porous; they possess plastic characteristics, which will not absorb moisture or humidity. Therefore no leakages during rainy seasons.
- Q** How many tiles are there in 1 square metre & how many ridge caps are in 1 metre?
- A** There are 9 tiles in 1 square metre and 3 ridge caps in 1 metre. From our experience, it takes 2000 tile and 150 ridge caps to complete a 3 bedroom house.



Plastic timber application: Fencing, Signage, Furniture as well as Agricultural support posts.